



CUBIT

the natural estimator

Installation Guide

Before you start

This Installation Guide is intended for the installation of a standalone licence of Cubit version 6, or to update your existing Cubit or BT2 software to Version 6.

You will be required to download the install files. If you have not received the install files, they can be obtained from Buildsoft Support anytime by submitting a Ticket via buildsoft.com.au/support.

System Requirements

	Minimum	Recommended
Intel Processor (or AMD equivalent)	Intel Dual Core 1.86 GHz	I7 2.6 GHz
Memory	4 GB Ram	8-16 GB Ram
Dedicated Graphics Card	256 MB Ram. Supporting Open GL 2.0 or higher	2 GB Ram. Supporting Open GL 2.0 or higher
Hard Drive Space	1 GB free space	4 GB free space

Supported Operating Systems (32bit and 64bit): Windows Server 2008 or greater for server installations or Windows 7 or greater for desktop installations.

The **Minimum** and **Recommended** specifications are guidelines, if dealing with large plans and models you may need to exceed recommended specification to use them.

If you are concerned with performance, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

IMPORTANT:

It is strongly recommended that you backup any information you may have in Cubit before proceeding with the installation process.

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Installation Guide (Standalone User)

These instructions will guide you through installing Cubit onto your computer for the first time.

1. Make sure the Cubit installer is unblocked. Right mouse click on the installer and select **Properties**. Make sure the **Unblock** box in the **Properties** window is unchecked.

Fig 1A – Installer Icon

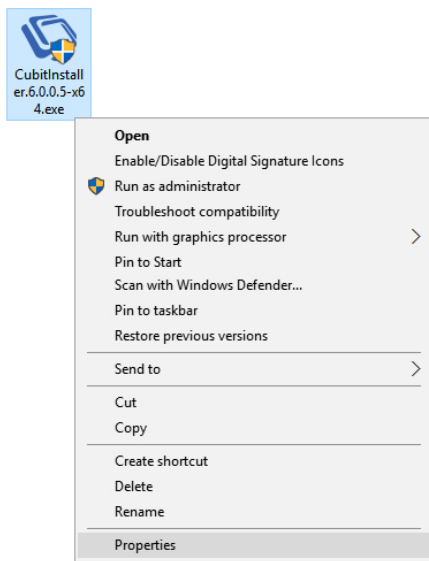
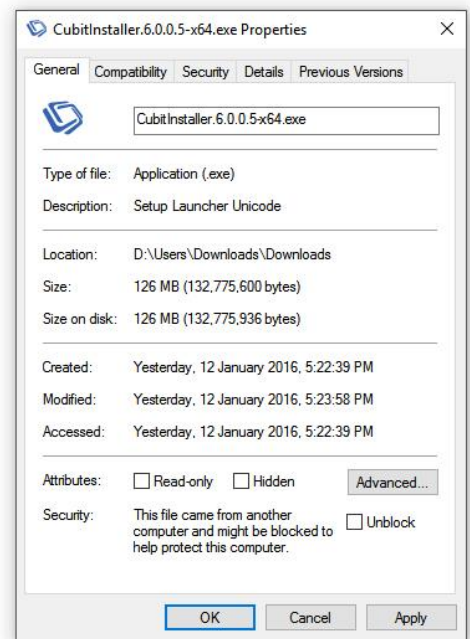
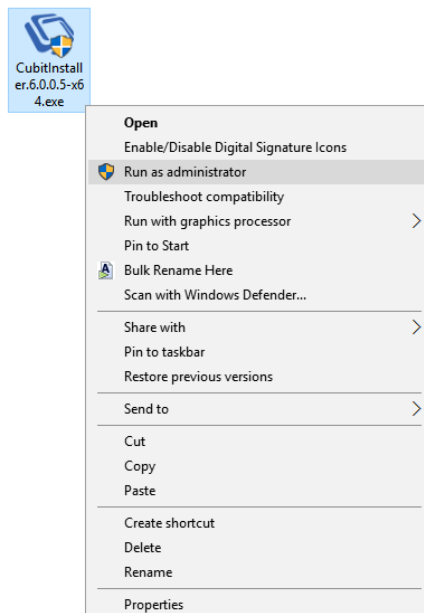


Fig 1B – Installer Properties



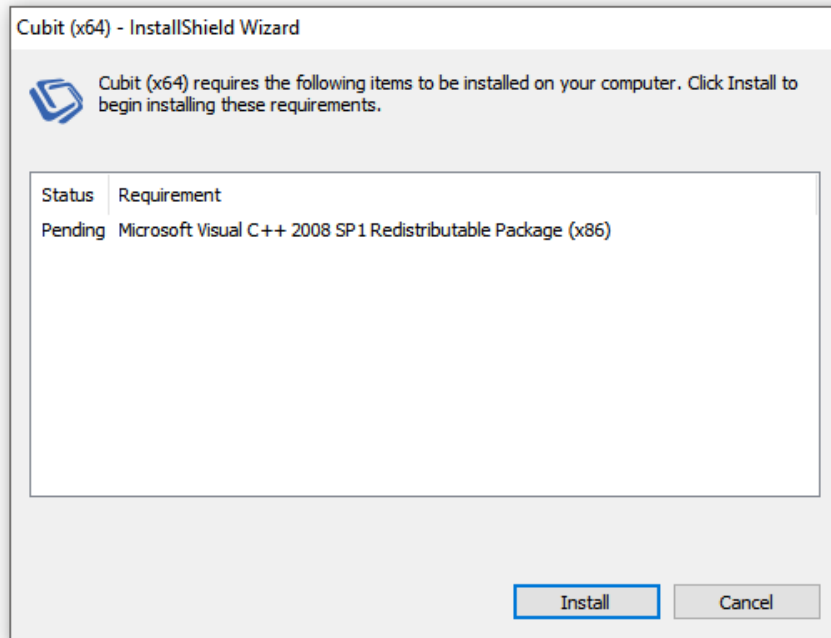
2. Right mouse click on the desktop icon and select **Run as administrator** to open the installer.

Fig 2 – Run as Administrator



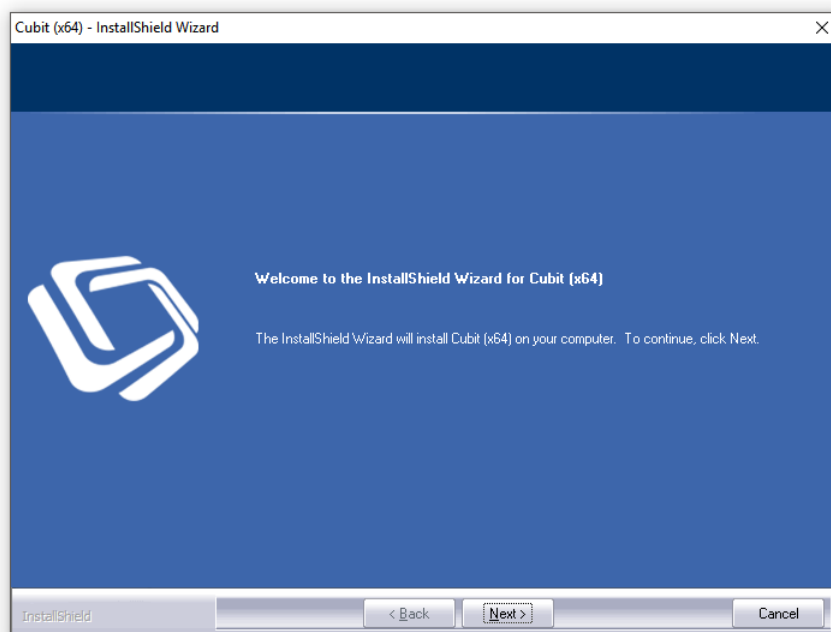
3. You may encounter a prompt to install **Microsoft Visual C++ Redistributable Package**. If prompted, click **Install** to continue your installation.

Fig 3 – Microsoft Visual C++ Redistributable Package Installer



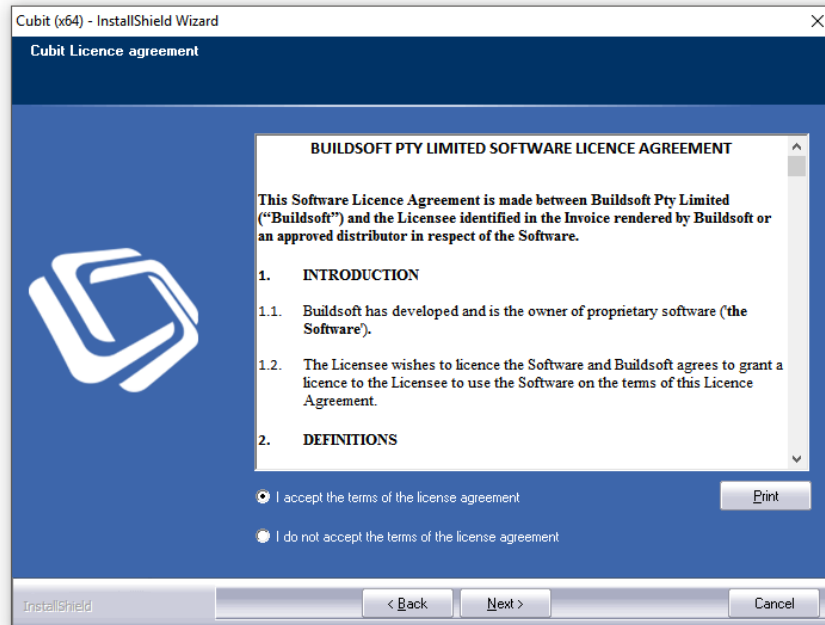
4. The first page of the installer is the welcome page. Click **Next** to continue.

Fig 4 – Installer Welcome Screen



- Please read the **Cubit Licence Agreement** before selecting **I accept the terms of the licence agreement**. Click **Next** to continue.

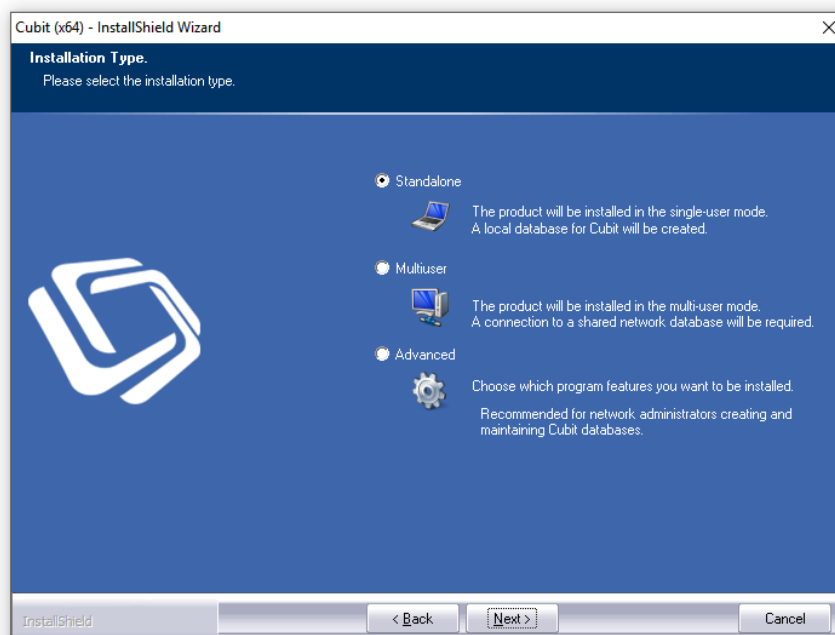
Fig 5 – Cubit Licence Agreement



- By default, the **Standalone** option is selected. Click **Next** to continue.

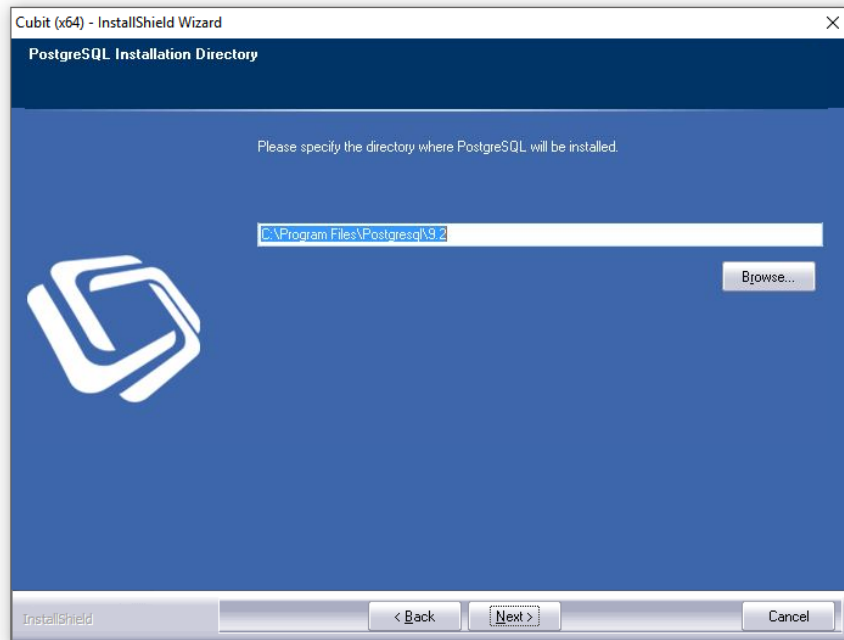
Note: For Multi-user option, please refer to [Installation Guide \(Network Client User\)](#)

Fig 6 – Installation Type



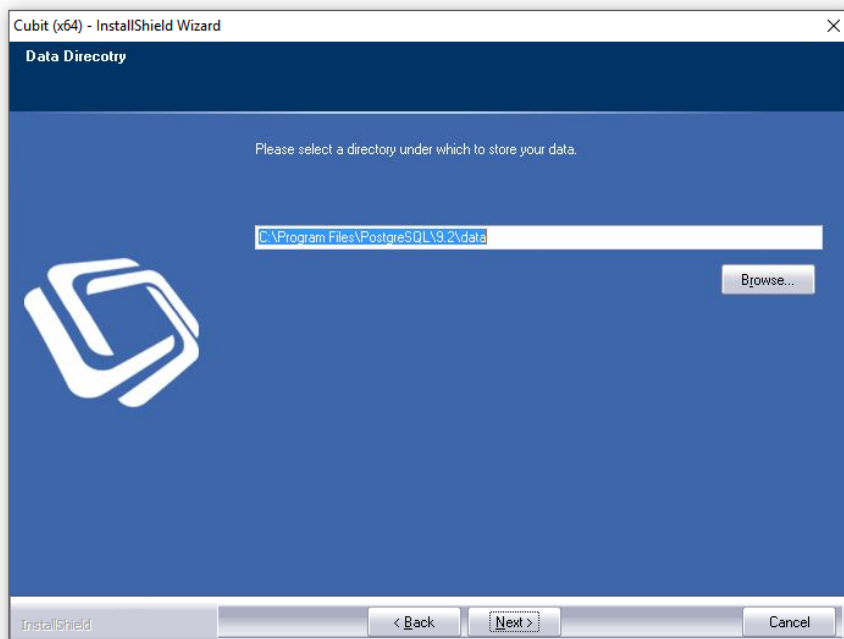
7. You will be prompted to select a location for **PostgreSQL** to be installed. Select a location, or leave the default. Click **Next** to continue.

Fig 7 – PostgreSQL Installation Directory



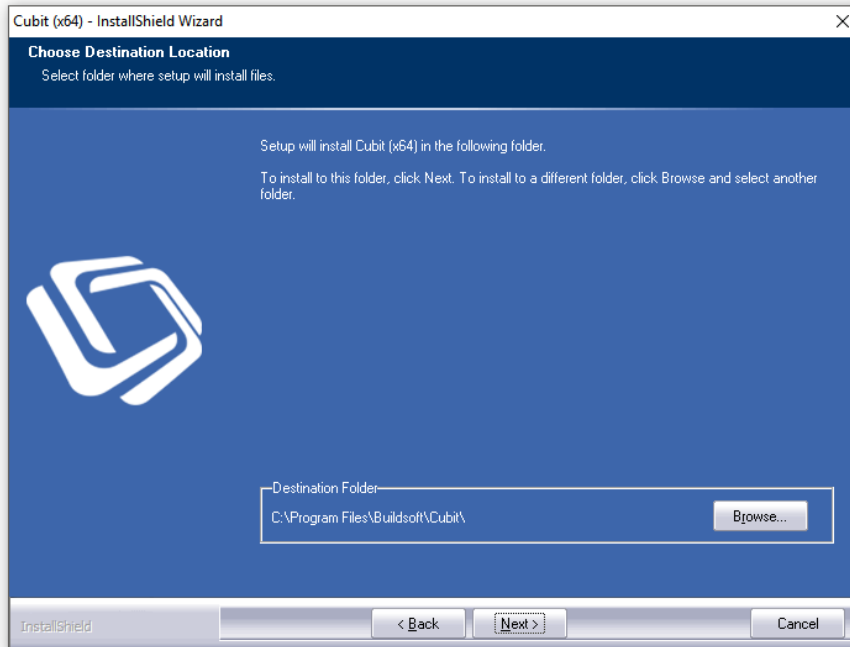
8. When prompted for the **PostgreSQL** data directory it is recommended that you install this to the default location C:\Program Files\PostgreSQL\9.2. Click **Next** to continue.

Fig 8 – PostgreSQL Data Directory



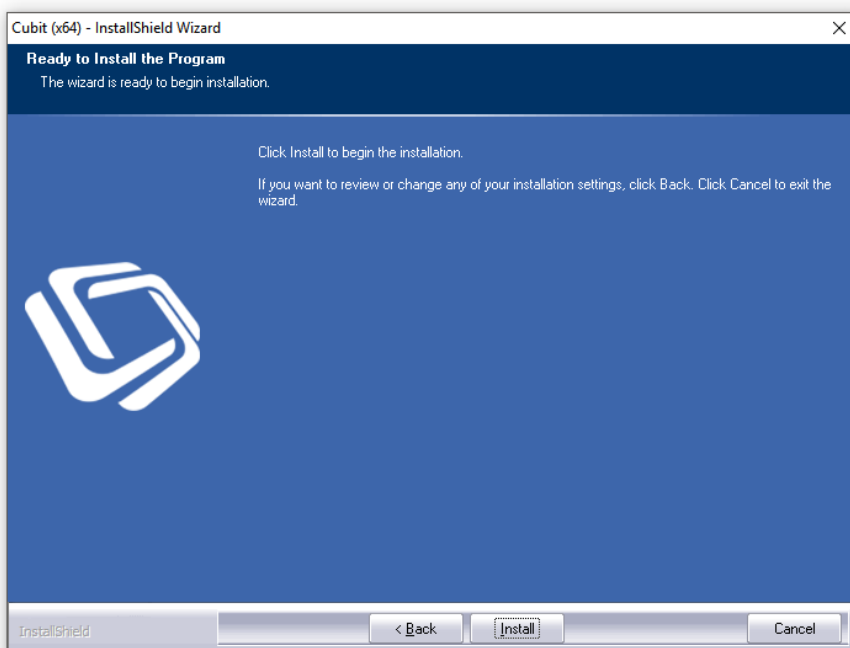
9. You can select any location for Cubit to be installed to. It is recommended that you install to the default location C:\Program Files\Buildsoft\Cubit. Click **Next** to continue.

Fig 9 – Choose Destination Location



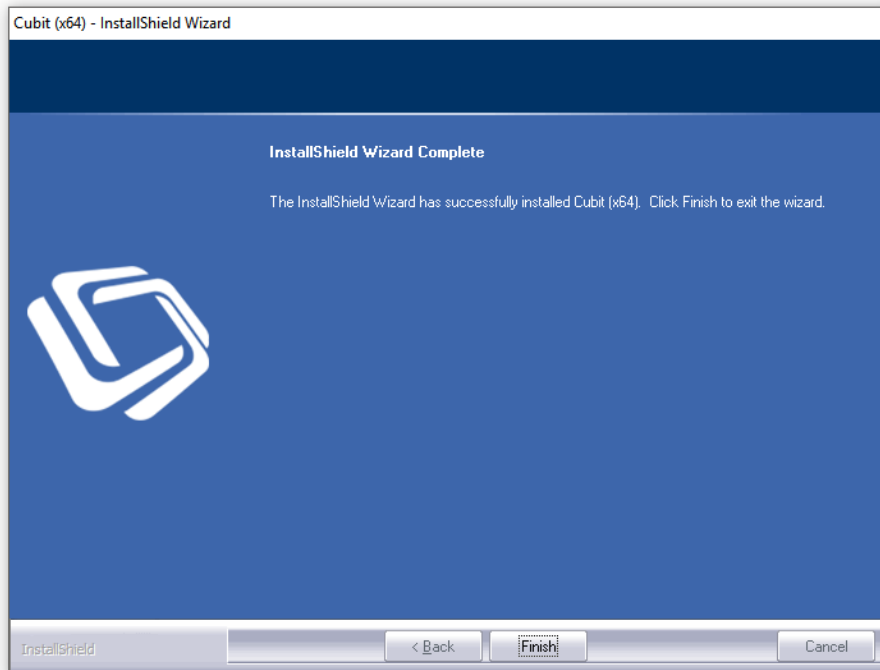
10. To begin the installation, click **Install**.

Fig 10 – Ready to Install the Program



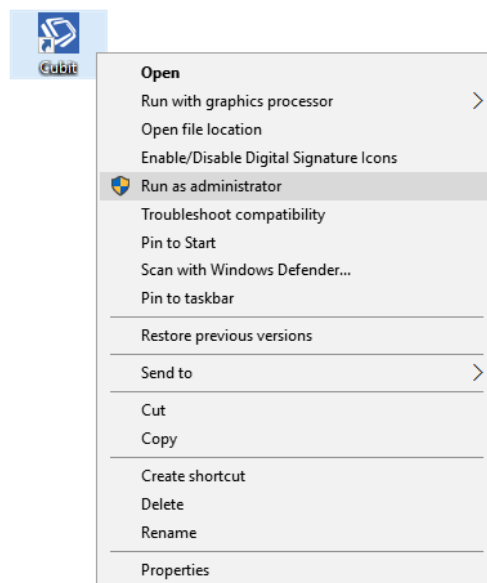
11. You will be notified when installation is completed. Click **Finish** to close the installer window.

Fig 11 – InstallShield Wizard Complete



12. The first time you run Cubit, right mouse click your Cubit desktop icon. Select **Run as administrator** from the drop down box to open.

Fig 12 – Desktop Icon



13. When registering Cubit, ensure the organization name you enter into **Organisation** is identical to the one supplied to you with your serial key. Enter the **Name** of the Cubit user, then your **Serial Number**. Click **Register** to complete.

Fig 13 – Register Cubit



Cubit

Register Cubit
Please register your copy of Cubit.

Name ●

Organization

Serial Number ●

Register Cancel

If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

Software Update Guide

These instructions are to guide you through updating your Cubit or BT2 to the latest version.

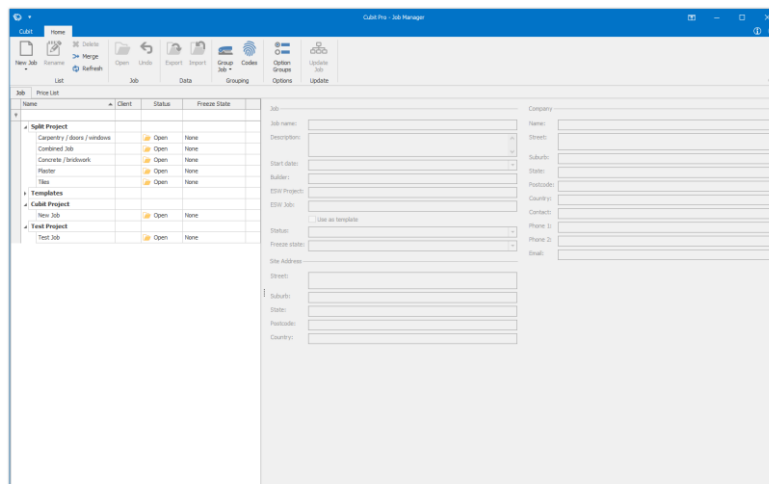
It is strongly recommended that you backup any information in Cubit or BT2 before updating your software. Following are two ways to back up your data: exporting a Job and backing up your database.

Exporting a Job(s)

Exporting a job allows you to backup one or multiple jobs at once. A separate file is created for each job you export.

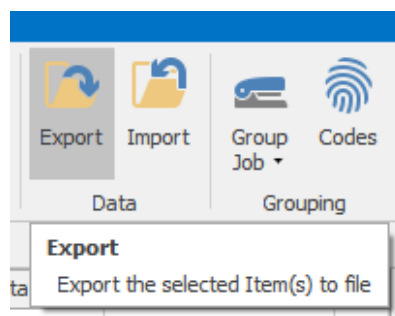
1. You can export a job or jobs from the **Job Manager** screen. This is the first screen that appears when you open Cubit.

Fig 1 – Job Manager



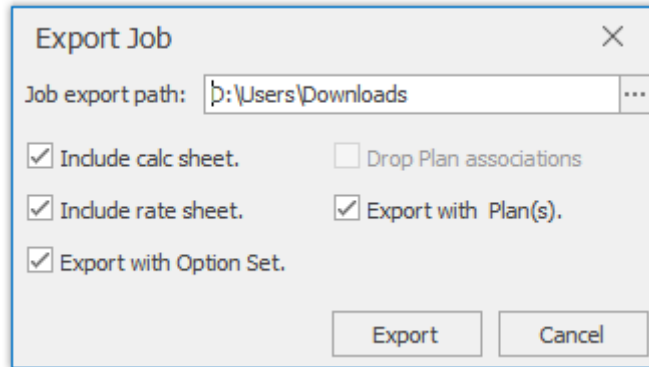
2. Select the job(s) you wish to export, then click **Export**.

Fig 2 – Export



3. In the **Export Job** window click “...” to browse a different export location. Cubit will remember the last directory the data was exported to. To export an entire job, make sure all options are checked. You can uncheck any item you wish to exclude. When ready click **Export**.

Fig 3 – Export Job Options



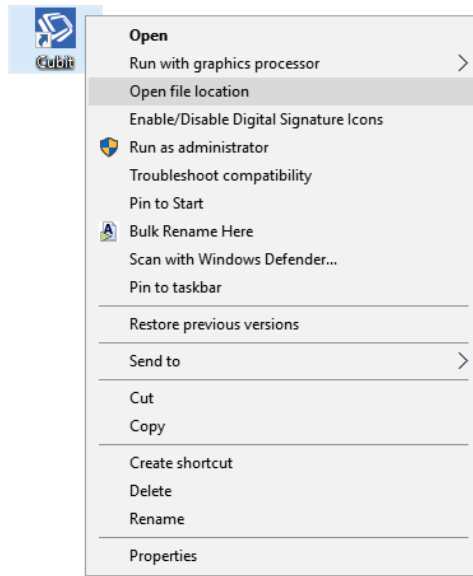
If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

Exporting a Database

Exporting a database copies all jobs, price lists, group codes and plans. Your database can only be exported or imported in bulk.

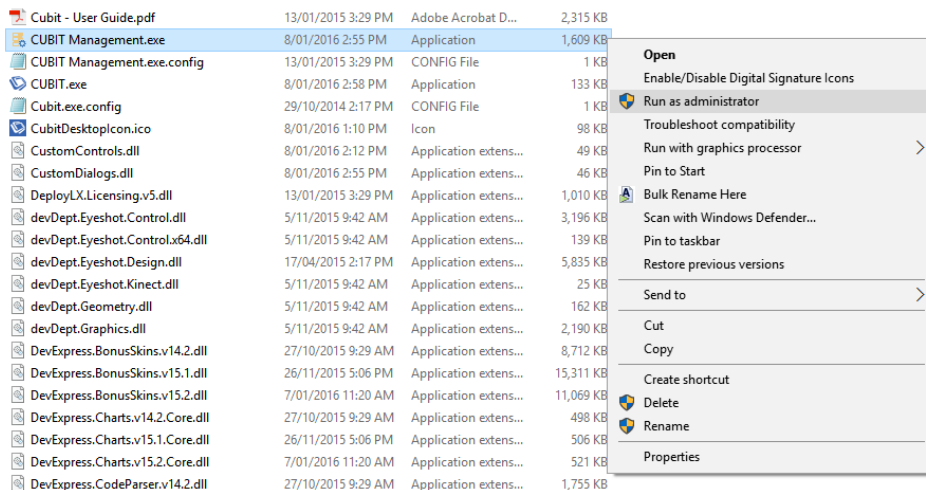
1. You export a database in the **Cubit Management Console**. This can be found where you installed Cubit. You can find it by right mouse clicking your desktop icon and selecting **Open file location** from the drop down menu.

Fig 1 – Open file location



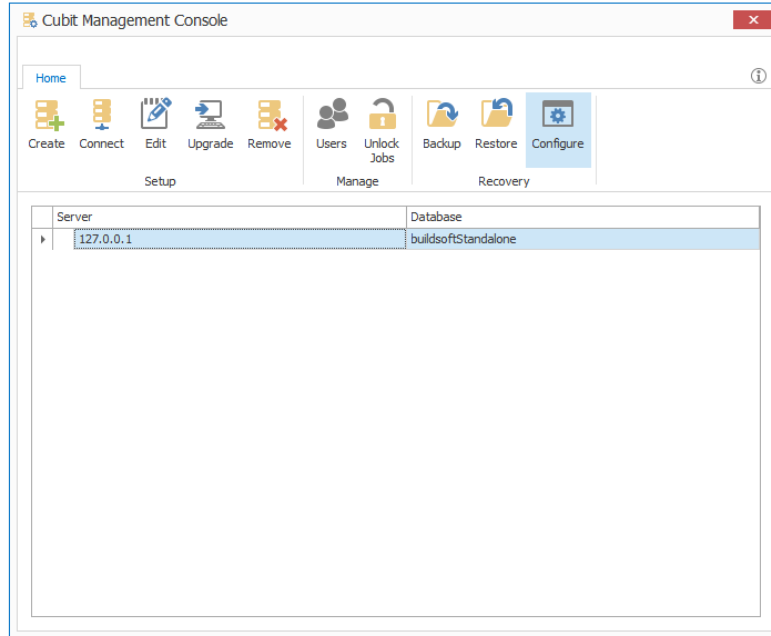
2. Find **CUBIT Management.exe** and right mouse click the icon. Select **Run as administrator** from the drop down menu to open it.

Fig 2 – Run as administrator



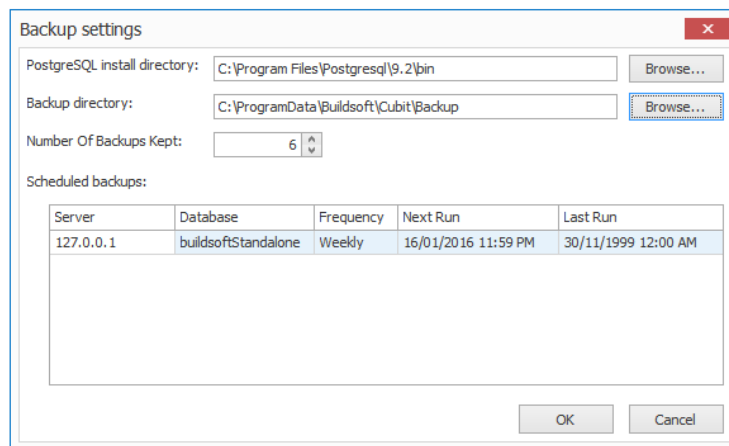
3. Click **Configure** from the **Cubit Management Console** to access your back up settings.

Fig 3 – Cubit Management Console



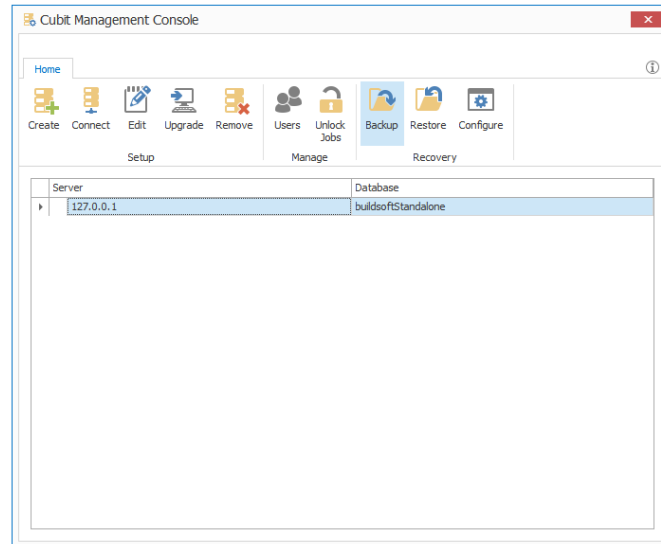
4. You will need to select where you would like your database to be exported to. Click **Browse** next to “Backup Directory:” file location and select your new backup directory, then close the window.

Fig 4 – Backup settings



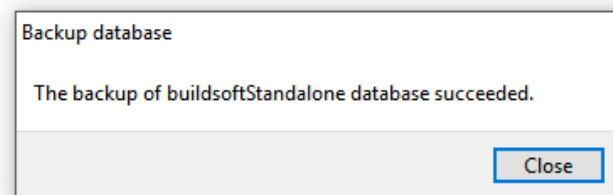
- To back up your Cubit database, click **Backup**. This may take some time, depending on how much information you have saved in Cubit.

Fig 6 – Backup settings



- You will be notified when the backup is completed successfully, click **Close** to finish.

Fig 6 – Completed Backup



If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

Update Installation Guide

1. Make sure the Cubit installer is unblocked. Right mouse click on the installer and select **Properties**. Make sure the **Unblock** box in the **Properties** window is unchecked.

Fig 1A – Installer Icon

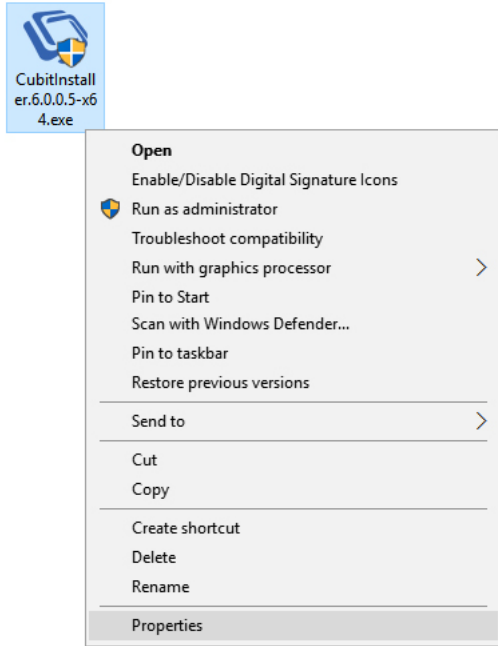
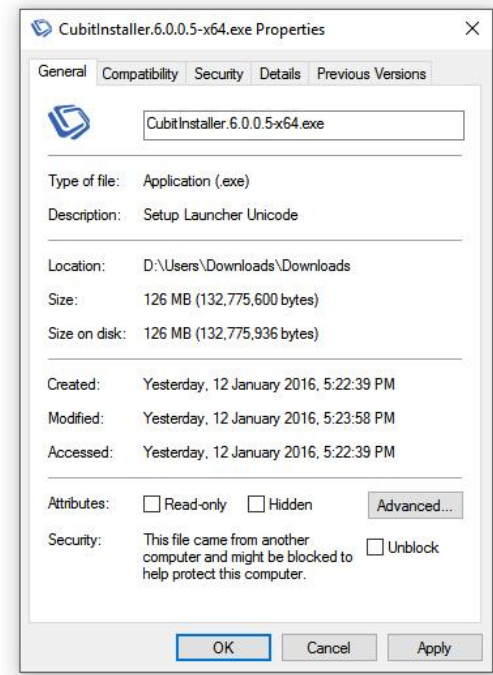
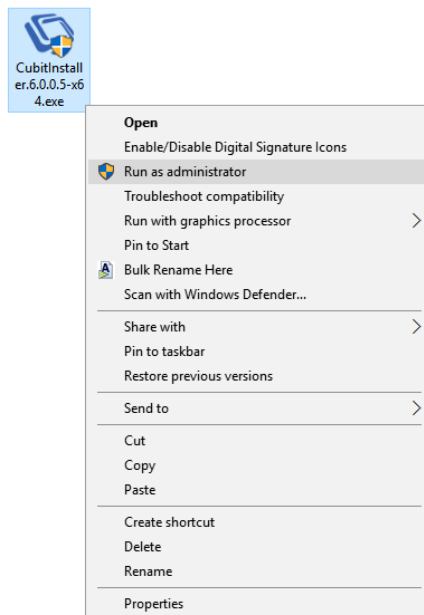


Fig 1B – Installer Properties



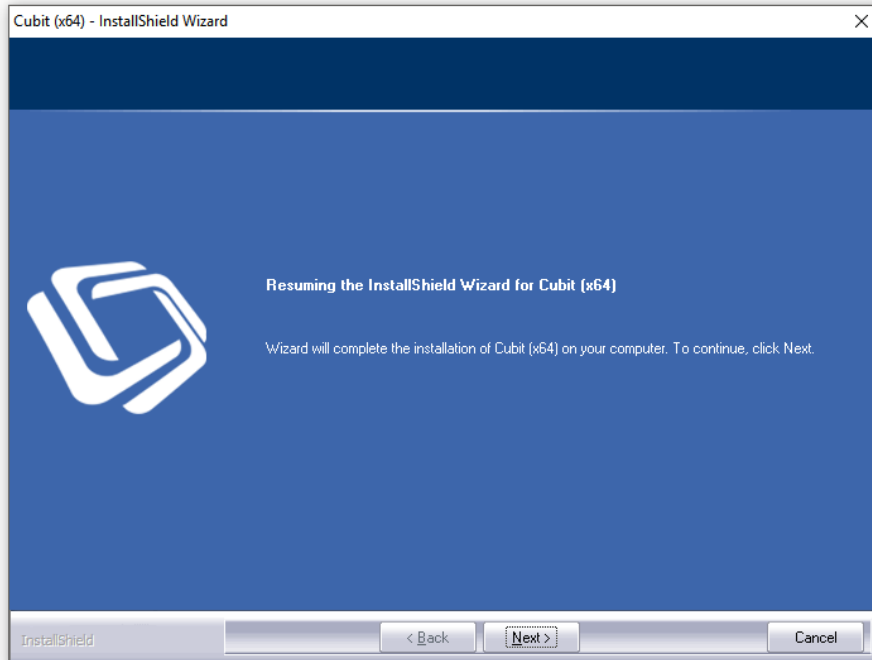
2. Right mouse click on the desktop icon and select **Run as administrator** to open the installer.

Fig 2 – Run as Administrator



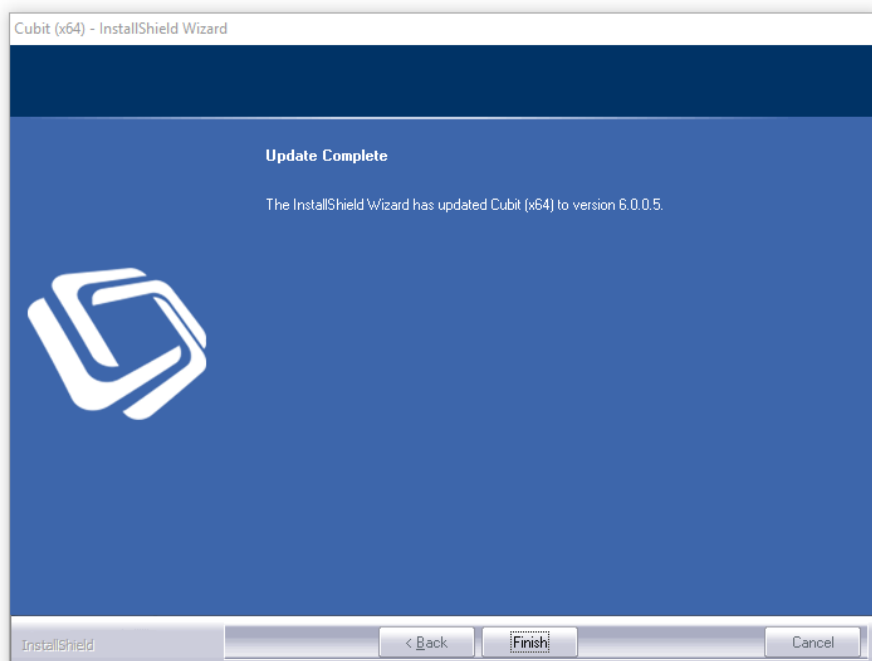
3. The first page of the installer is the welcome page. Click **Next** to continue.

Fig 3 – Installer Welcome Screen



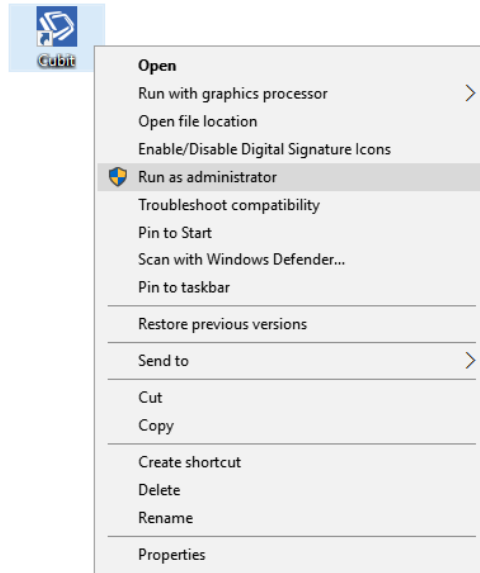
4. You will be notified when your software is updated. Click **Finish** to complete installation.

Fig 4 – Installer Welcome Screen



5. The first time you run Cubit, right mouse click your Cubit desktop icon. Select **Run as administrator** from the drop down box to open.

Fig 5 – Desktop Icon



6. When registering Cubit, ensure the organization name you enter into **Organisation** is identical to the one supplied to you with your serial key. Enter the **Name** of the Cubit user, then your **Serial Number**. Click **Register** to complete.

Fig 6 – Register Cubit



If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

Installation Guide (Network)

These instructions will guide you through installing Cubit onto a network.

Cubit Server Installation

1. Make sure the Cubit Server installer is unblocked. Right mouse click on the installer and select **Properties**. Make sure the **Unblock** box in the **Properties** window is unchecked.

Fig 1A – Installer Icon

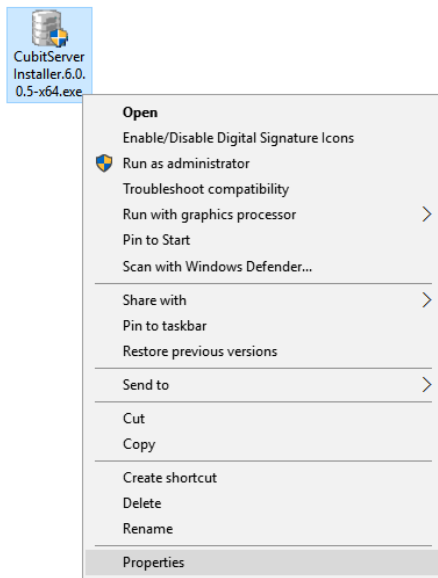
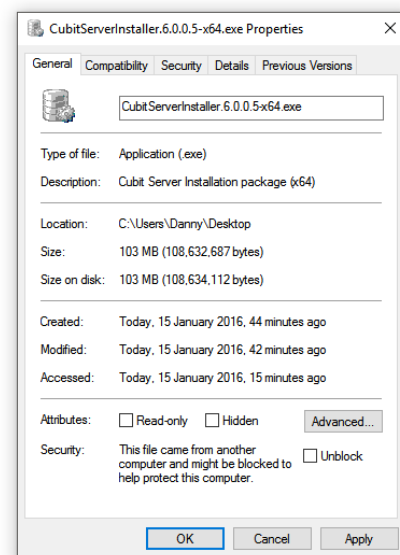
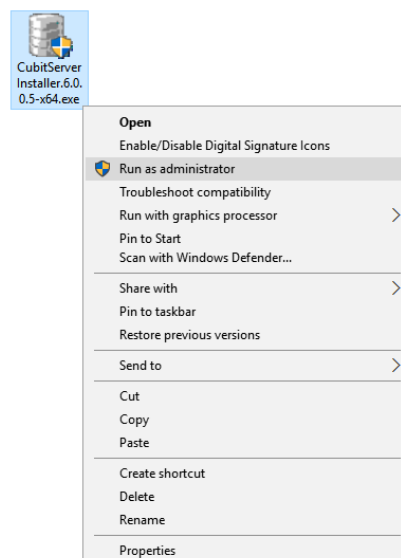


Fig 1B – Installer Properties



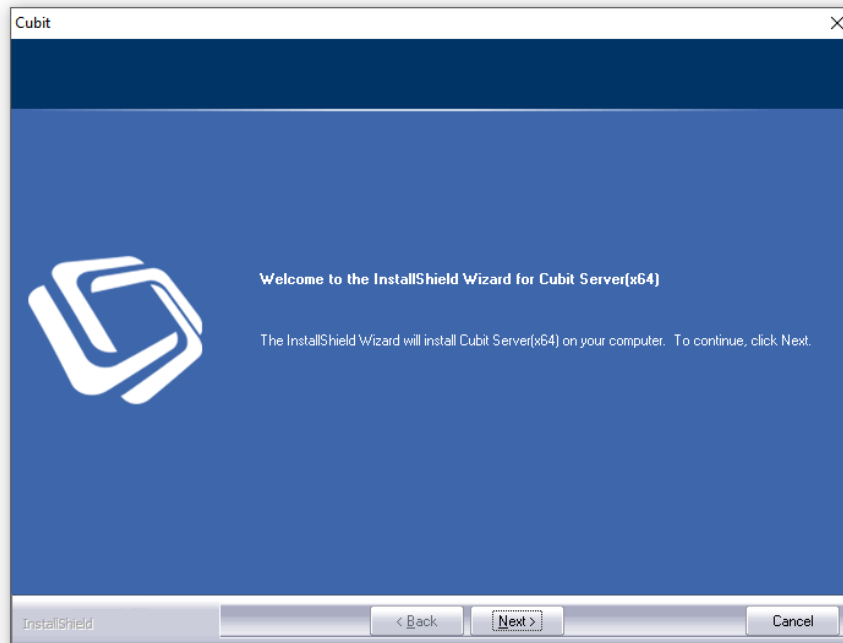
2. Right mouse click on the desktop icon and select **Run as administrator** to open the installer.

Fig 2 – Run as Administrator



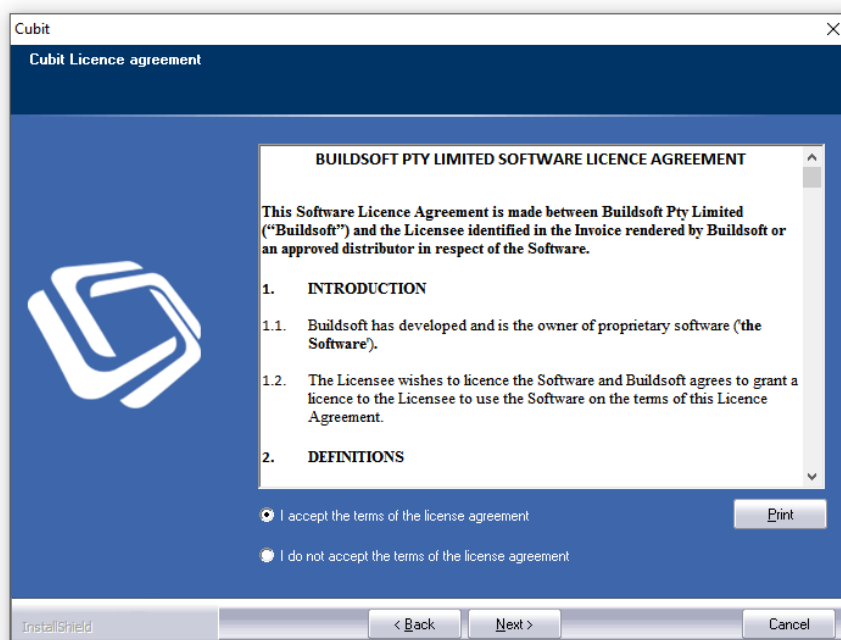
3. Open the Installer to start the install process. The first page of the installer is the welcome page. Click **Next** to continue.

Fig 3 – Installer Welcome Screen



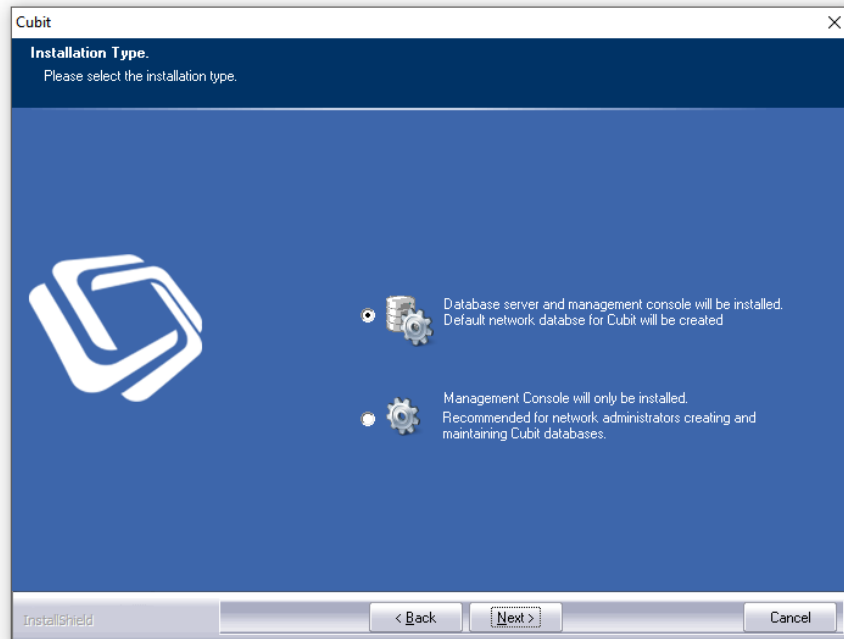
4. Once you have read the **Cubit Licence Agreement**, select **I accept the terms of the licence agreement**. Click **Next** to continue.

Fig 4 – Cubit Licence Agreement



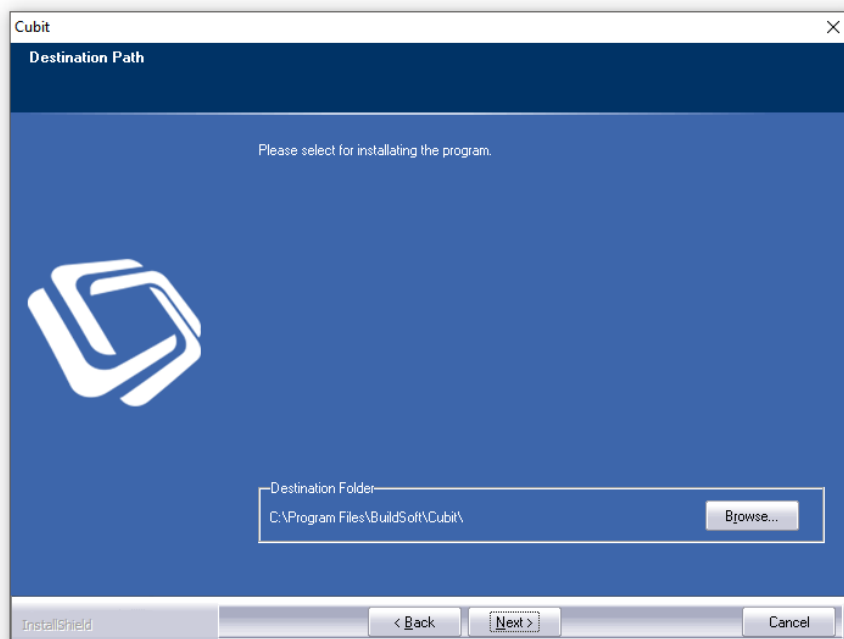
5. You will be asked to select an installation type, by default **Database server and management console** is selected. Click **Next** to continue.

Fig 5 – Installation Type



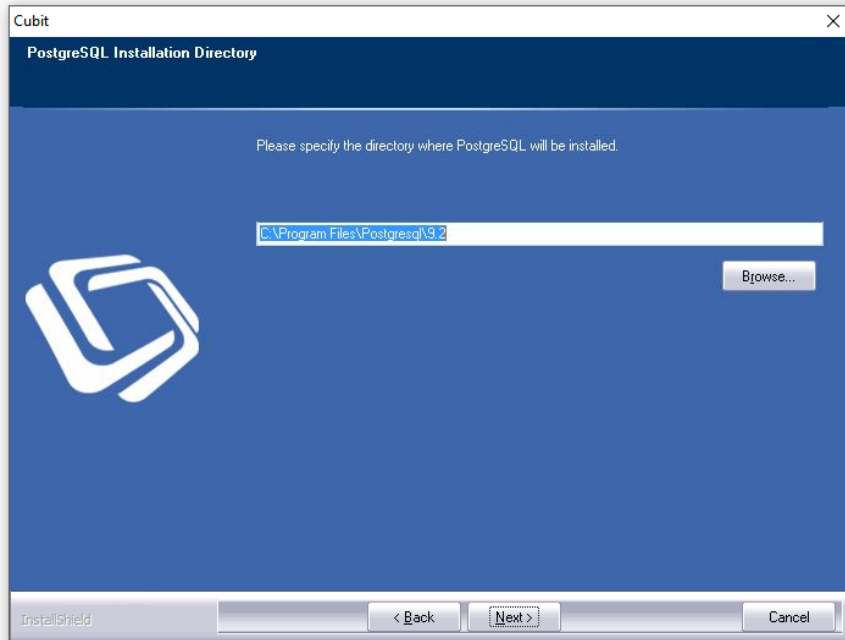
6. You can select any location for the Cubit Server to be installed to. It is recommended that you install to the default location C:\Program Files\Buildsoft\Cubit. Click **Next** to continue.

Fig 6 – Server Location



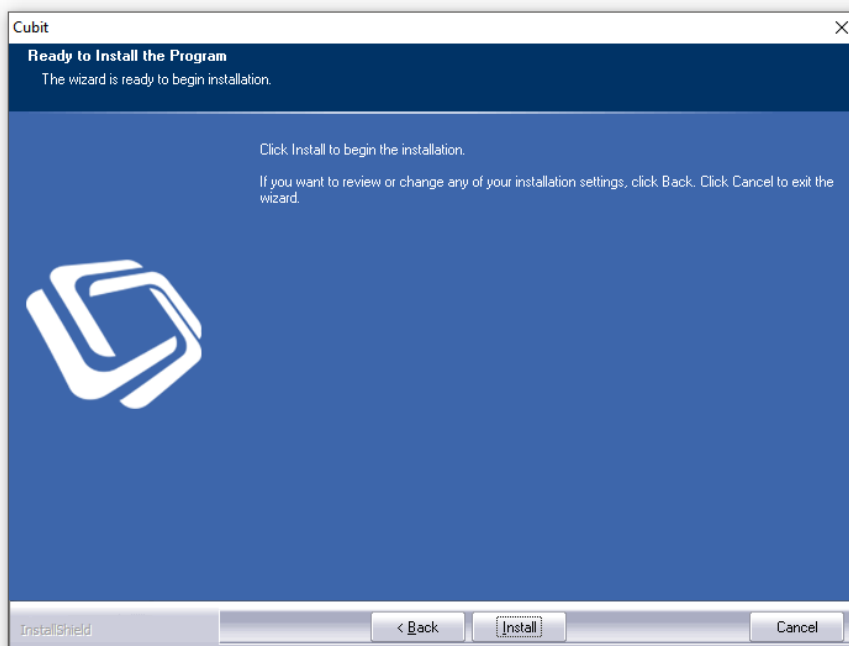
7. When asked to select a location for the **PostgreSQL** data directory. It is recommended that you install to the default location C:\Program Files\PostgreSQL\9.2 Click **Next** to continue.

Fig 7 – PostgreSQL Data Directory



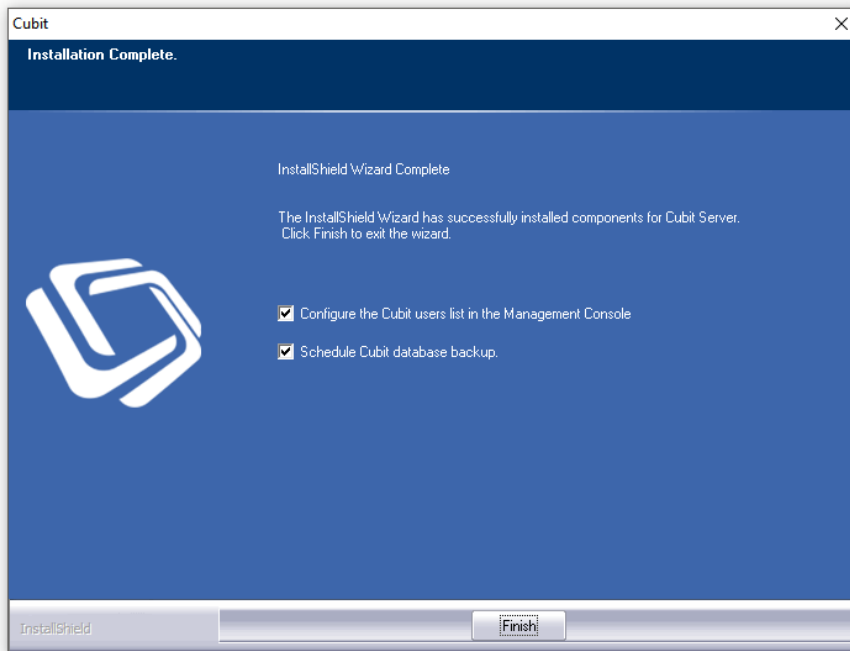
8. To begin the installation, click **Install**.

Fig 8 – Ready to Install the Program



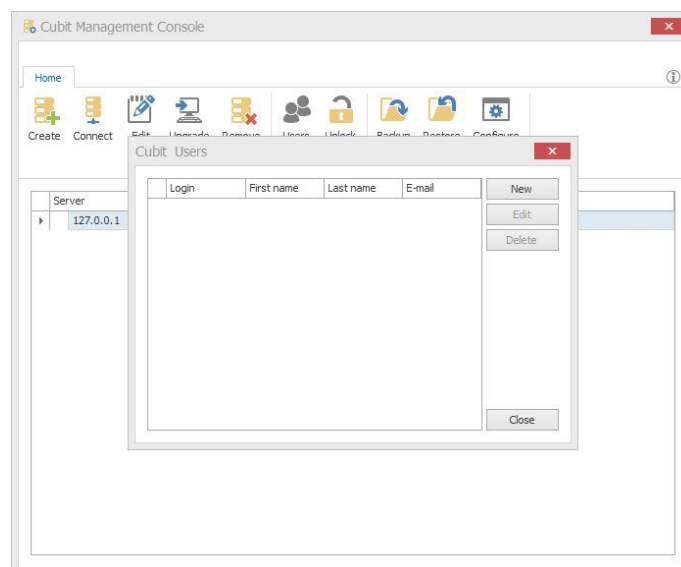
- When installation is complete, you will be asked to **Configure the Cubit users list in the Management Console** and **Schedule Cubit database backup**. Make sure both boxes are ticked. Click **Finish**.

Fig 9 – Installation Complete



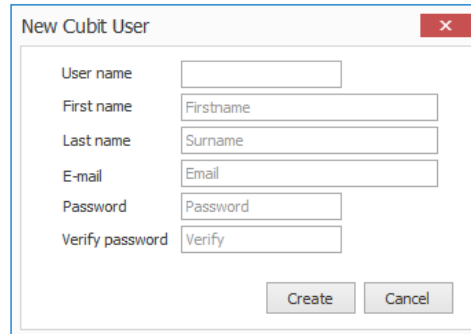
- Cubit Users** window will open. Click **New** to add users.

Fig 10 – Cubit Management Console



11. Enter the user details. Click **Create**.

Fig 11 – New Cubit User



New Cubit User

User name

First name

Last name

E-mail

Password

Verify password

Once you have entered all the Cubit users, Cubit can be installed on each users' computer.

*If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au*

Licence Server Installation

1. Make sure the Cubit Licence installer is unblocked. Right mouse click on the installer and select **Properties**. Make sure the **Unblock** box in the **Properties** window is unchecked.

Fig 1A – Installer Icon

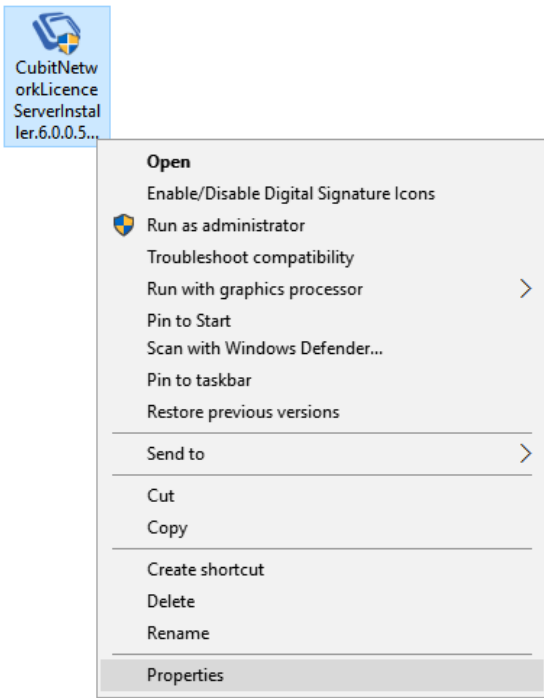
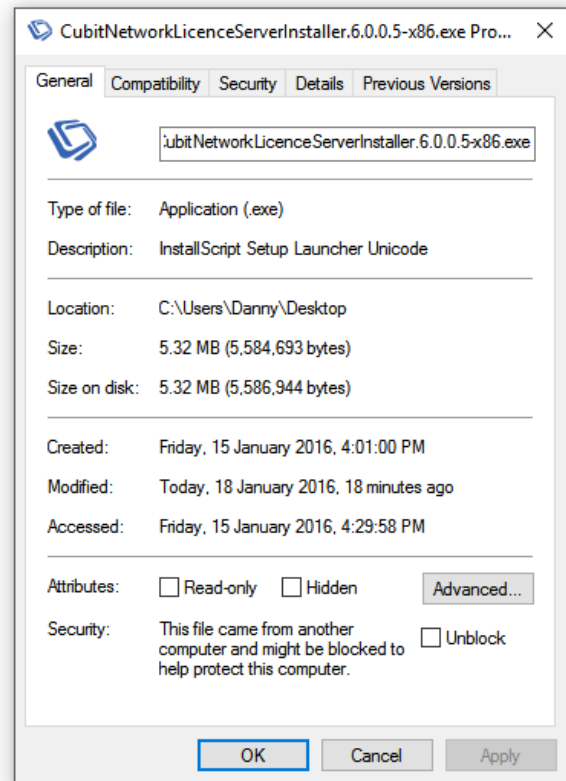
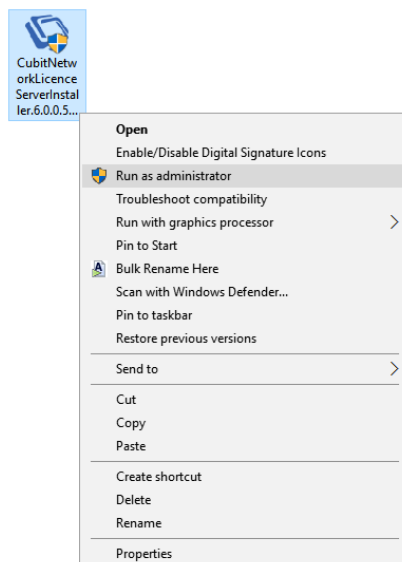


Fig 1B – Installer Properties



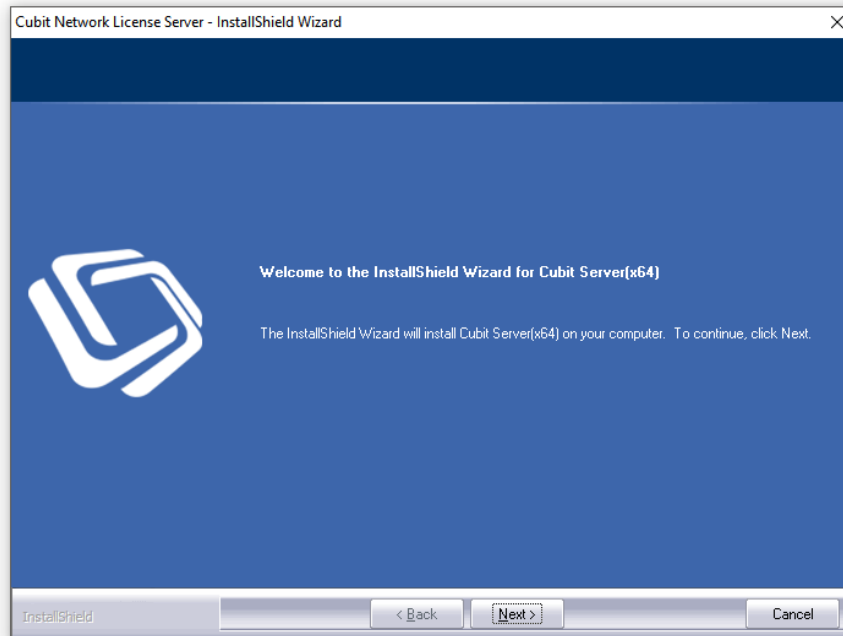
2. Right mouse click on the desktop icon and select **Run as administrator** to open the installer.

Fig 2 – Run as Administrator



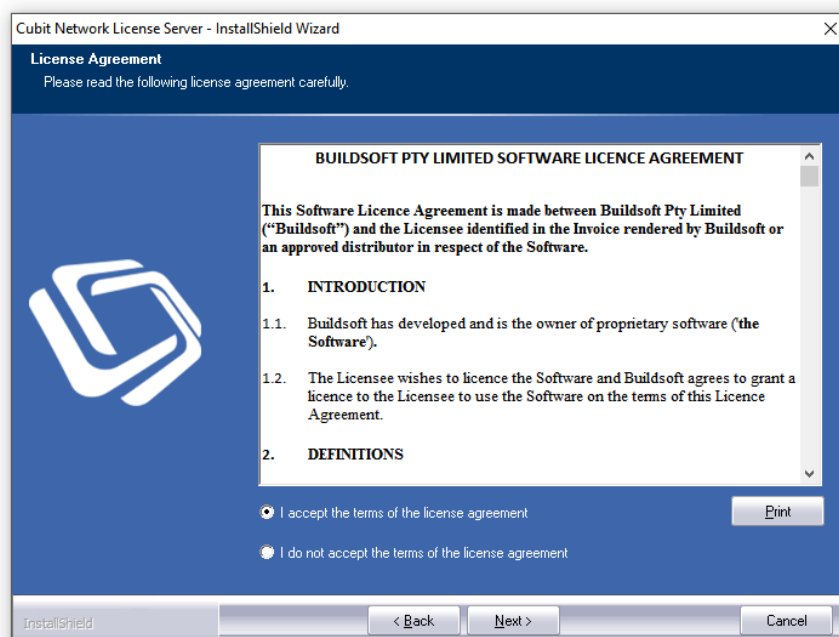
3. Open the Installer to start the install process. The first page of the installer is the welcome page. Click **Next** to continue.

Fig 3 – Installer Welcome Screen



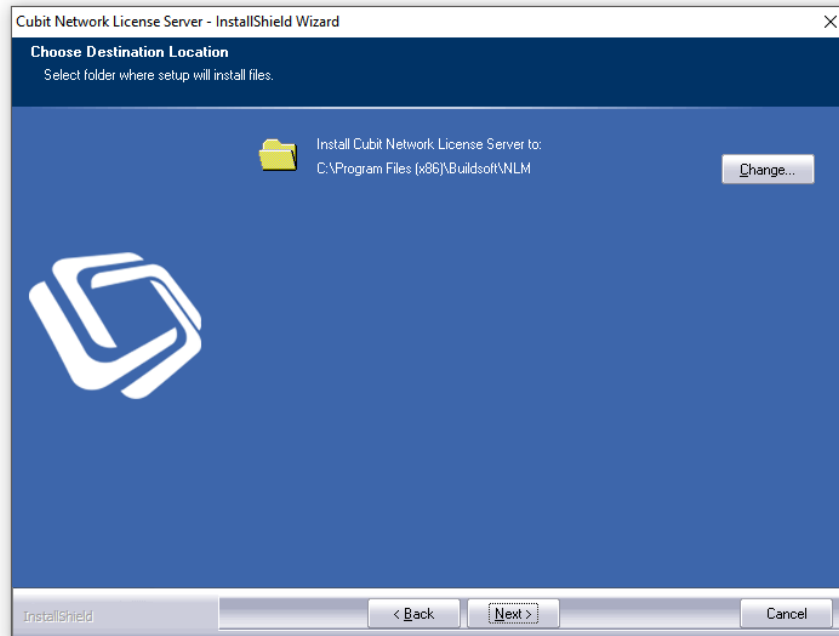
4. Once you have read the **Cubit Licence Agreement**, select **I accept the terms of the licence agreement**. Click **Next** to continue.

Fig 4 – Cubit Licence Agreement



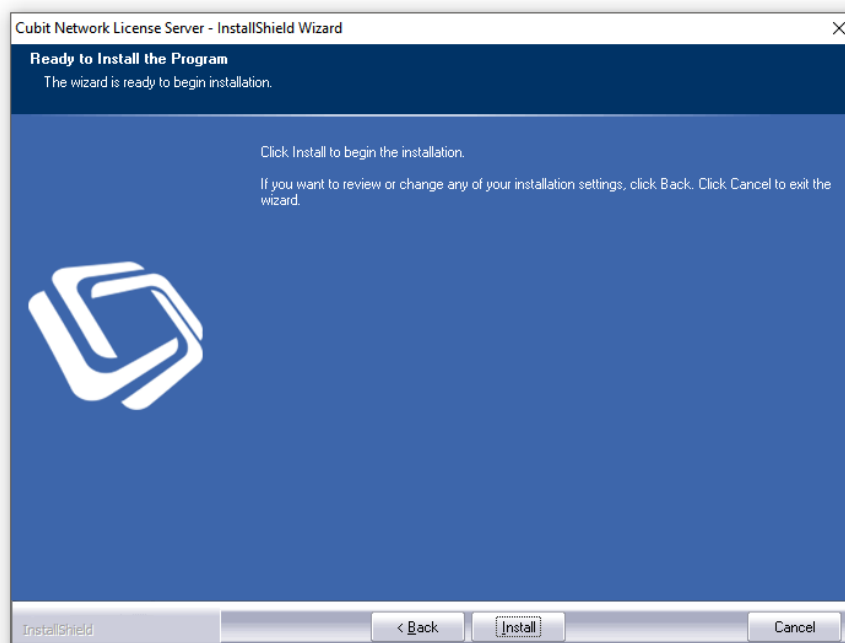
5. You can select any location for the Cubit Licence Server to be installed to. It is recommended that you install to the default location C:\Program Files\Buildsoft\NLM. Click **Next** to continue.

Fig 5 – Licence Server Location



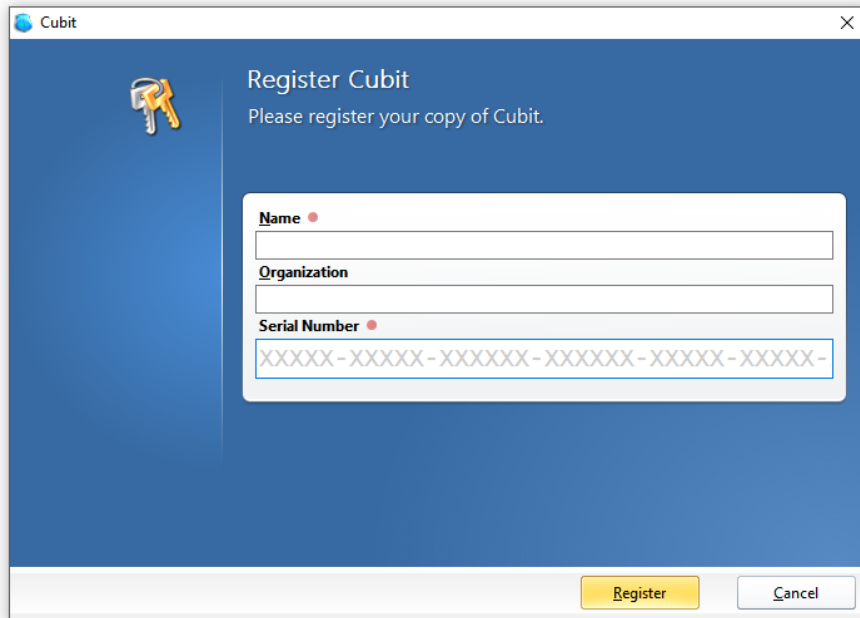
6. To confirm you wish to begin the installation, click **Install**.

Fig 6 – Ready to Install the Program



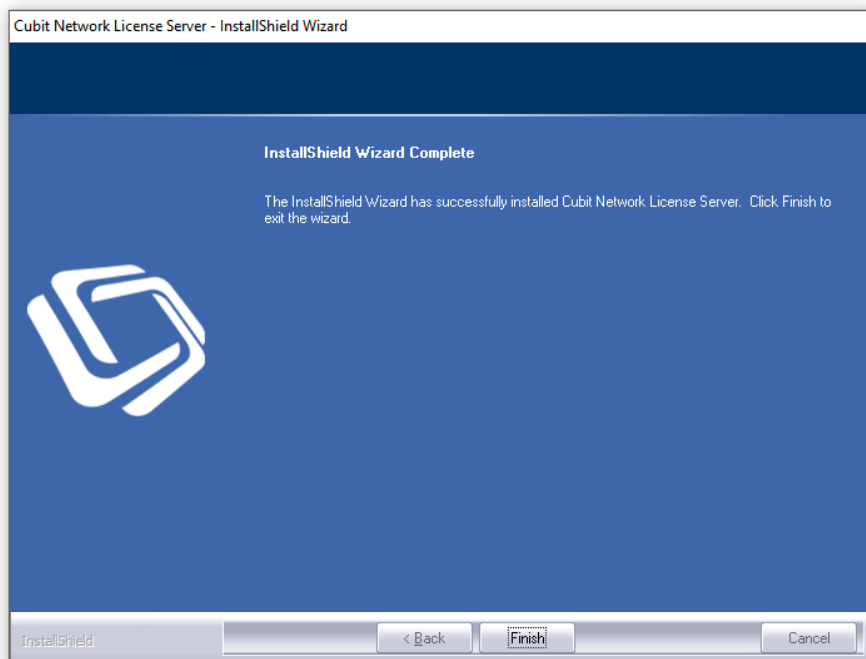
7. When registering Cubit, ensure the organization name you enter into **Organisation** is identical to the one supplied to you with your serial key. Enter the **Name** of the Cubit user, then your **Serial Number**. Click **Register** to complete.

Fig 7 – Register Cubit



8. You will be notified when installation is completed. Click **Finish** to close the installer window.

Fig 8 – InstallShield Wizard Complete



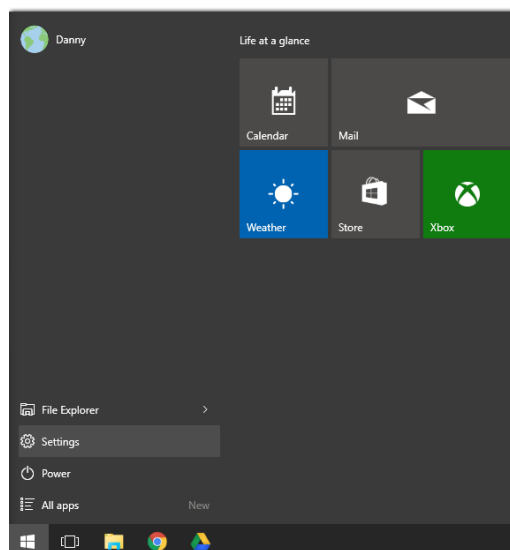
If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

Adding Exceptions to Windows Firewall

After the Cubit Server and Licence Server are installed, you will need to add an exception to your Firewall for ports 5432 and 1400.

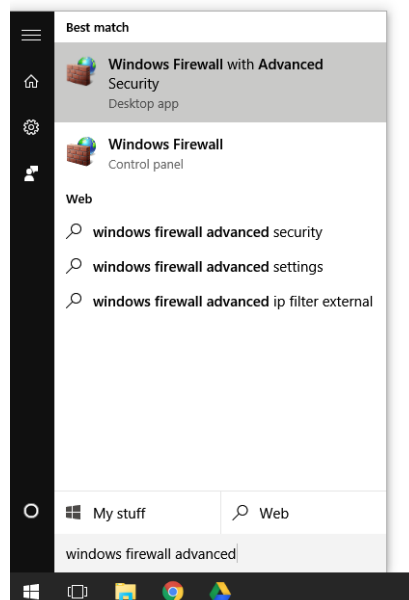
1. First you will need to find your **Windows Firewall**. Click the **Windows** icon at the bottom of your screen to access your Start Menu.

Fig 1 – Windows 10 Start Menu



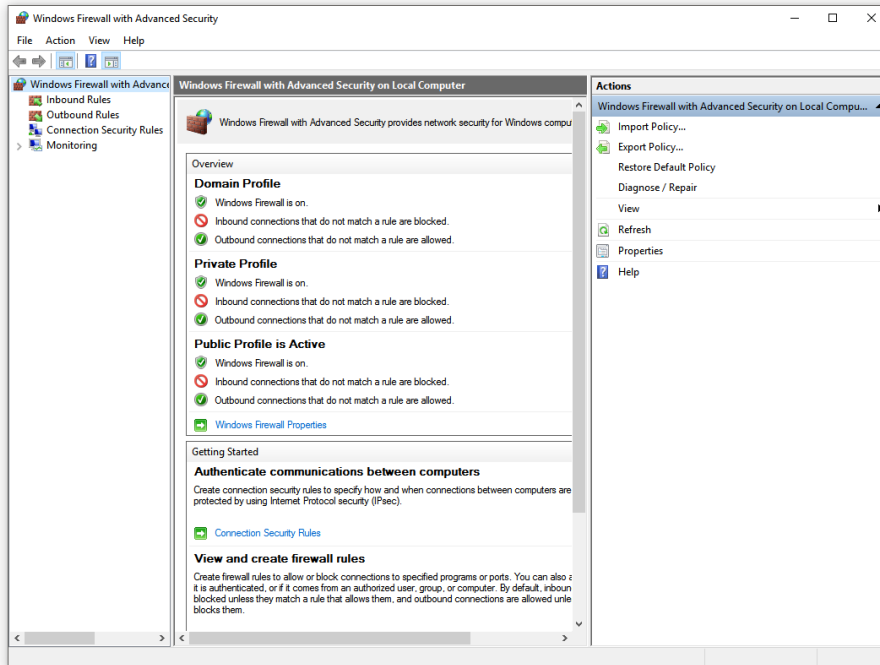
- a. Type 'windows firewall advanced'. One of your results will be **Windows Firewall with Advanced Security**, click it.

Fig a1 – Windows 10 Search Results



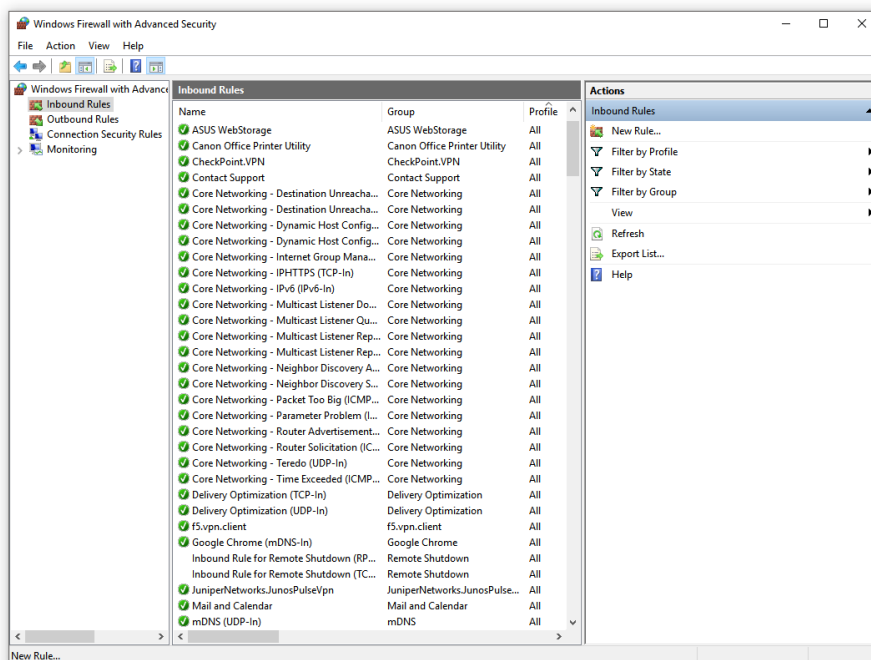
2. When **Windows Firewall with Advanced Security** is open, click on **Inbound Rules** on the left.

Fig 2 – Windows Firewall with Advanced Security



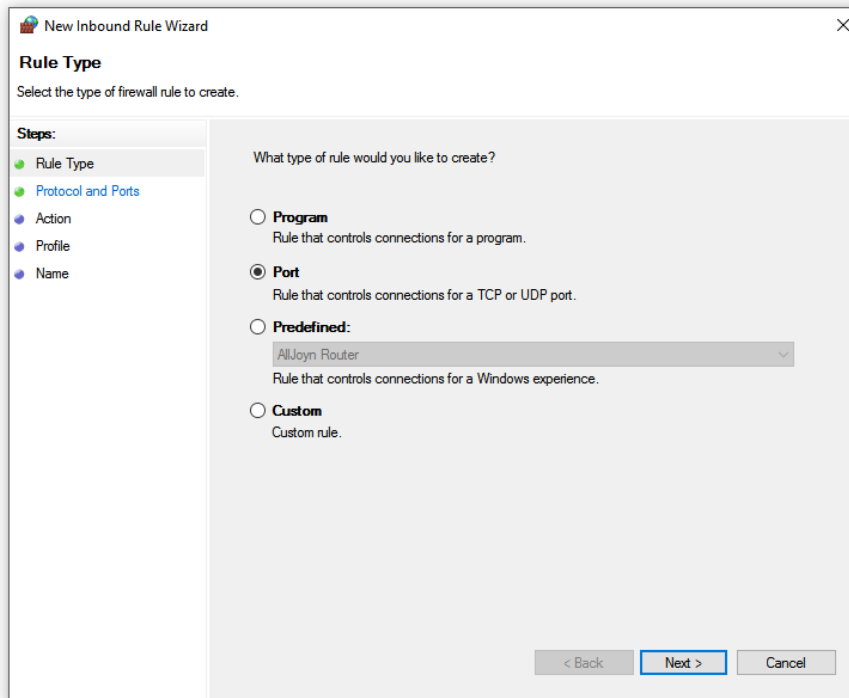
a. From the **Actions** pane on the right, click **New Rule...**

Fig 2a – Windows Firewall with Advanced Security



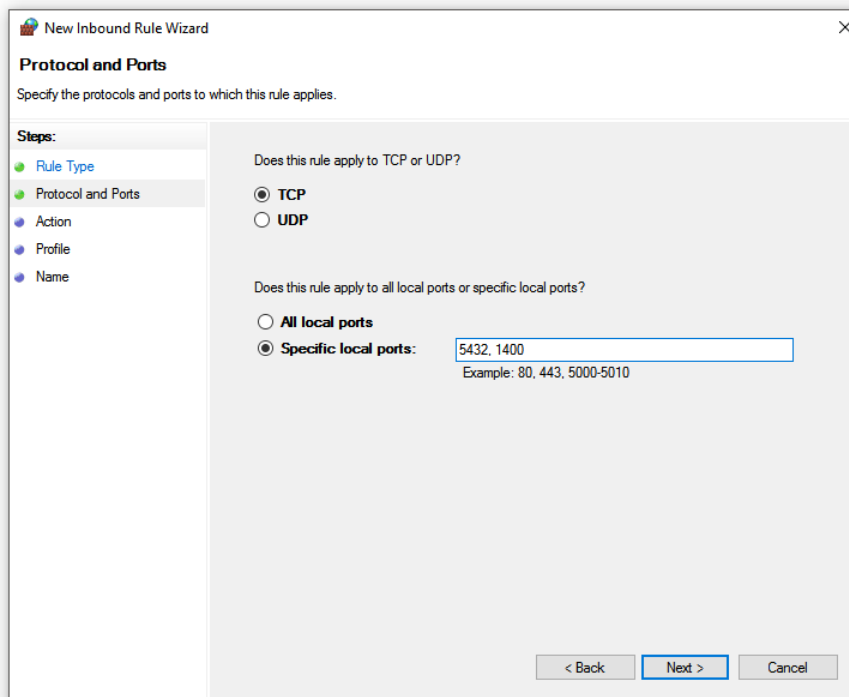
3. Select **Port** from the rule type options. Click **Next** to continue.

Fig 3 – Rule Type



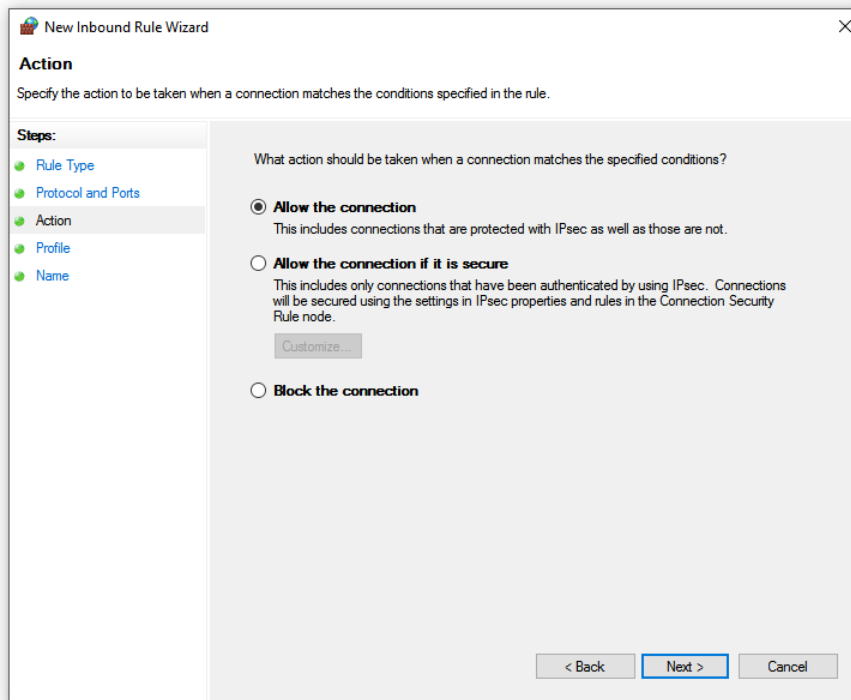
4. Make sure **TCP** is checked. Select **Specific local ports:** and enter '5432, 1400' into text field beside it. Click **Next** to continue.

Fig 4 – Protocols and Ports



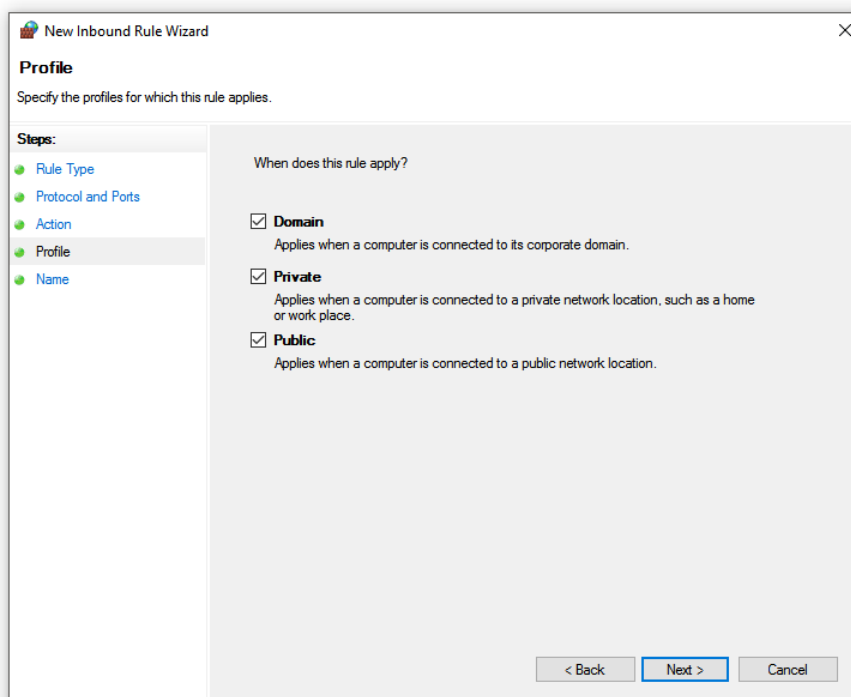
5. Ensure **Allow the connection** is selected. Click **Next** to continue.

Fig 5 – Action



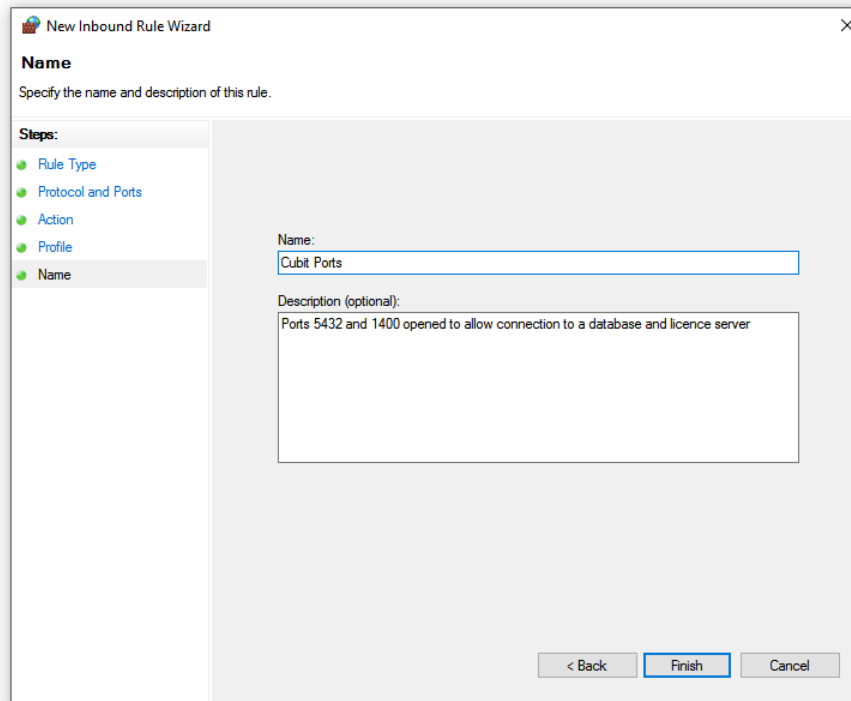
6. You will be asked what networks this rule applies to, by default all are checked. Tick the appropriate boxes for your network, or have all checked. Click **Next** to continue.

Fig 6 – Profile



7. You will need to enter a rule name and you will be asked to add a description. In the **Name:** field we advise using 'Cubit Ports'. Under **Description** we advise using 'Ports 5432 and 1400 opened to allow connection to a database and licence server'. Click **Finish** to complete.

Fig 7 – Name



The screenshot shows a 'New Inbound Rule Wizard' dialog box with a 'Name' step selected in the 'Steps' list. The 'Name' field contains 'Cubit Ports' and the 'Description (optional)' field contains 'Ports 5432 and 1400 opened to allow connection to a database and licence server'. The 'Finish' button is highlighted.

New Inbound Rule Wizard

Name

Specify the name and description of this rule.

Steps:

- Rule Type
- Protocol and Ports
- Action
- Profile
- Name

Name:
Cubit Ports

Description (optional):
Ports 5432 and 1400 opened to allow connection to a database and licence server

< Back Finish Cancel

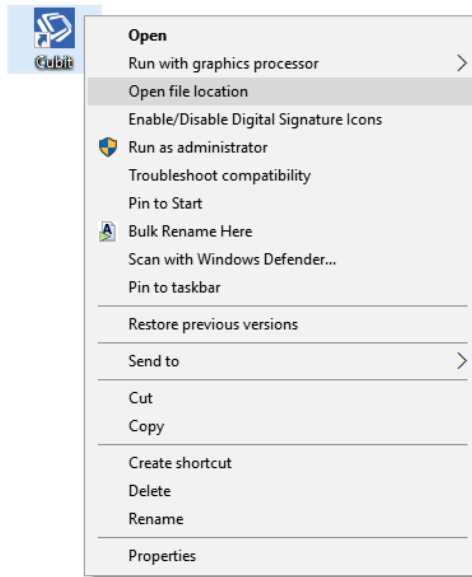
Cubit will now connect to the database to verify the licences for the software.

If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

Database Backup Configuration

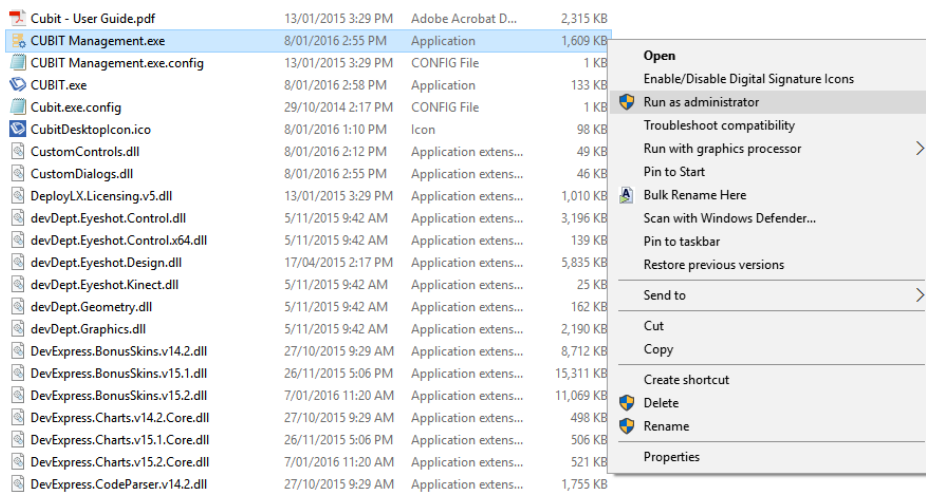
1. Your database configurations are in the **Cubit Management Console**. This can be found where you installed Cubit. You can find it by right mouse clicking your desktop icon and selecting **Open file location** from the drop down menu.

Fig 1 – Open file location



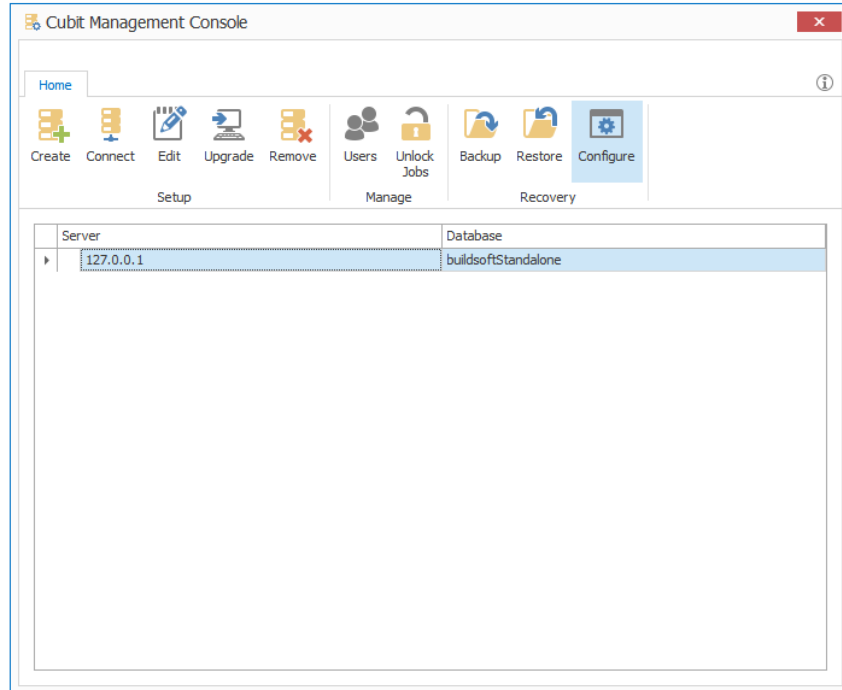
2. Find **CUBIT Management.exe** and right mouse click the icon. Select **Run as administrator** from the drop down menu to open it.

Fig 2 – Run as administrator



3. Click **Configure** to access your back up settings.

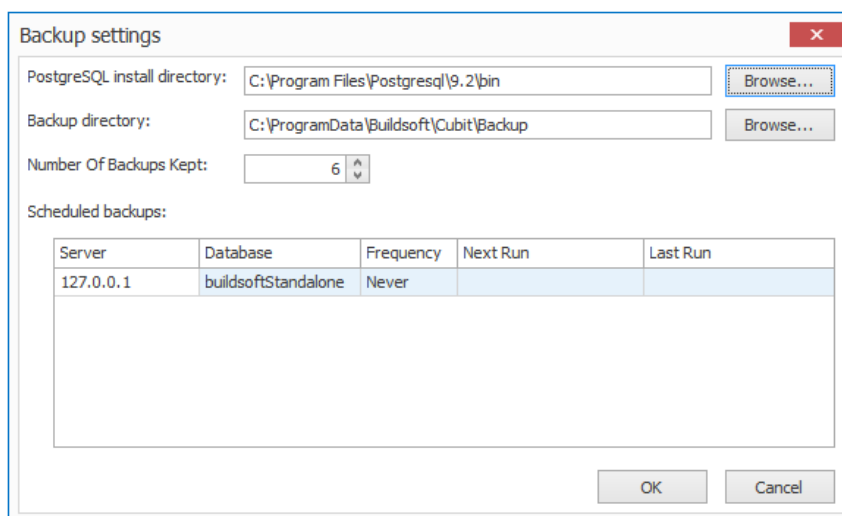
Fig 3 – Cubit Management Console



4. Select where the PostgreSQL database is installed. Click **Browse** beside ‘PostgreSQL install directory:’ to locate it. The default location of this is C:\Program Files\Postgresql.

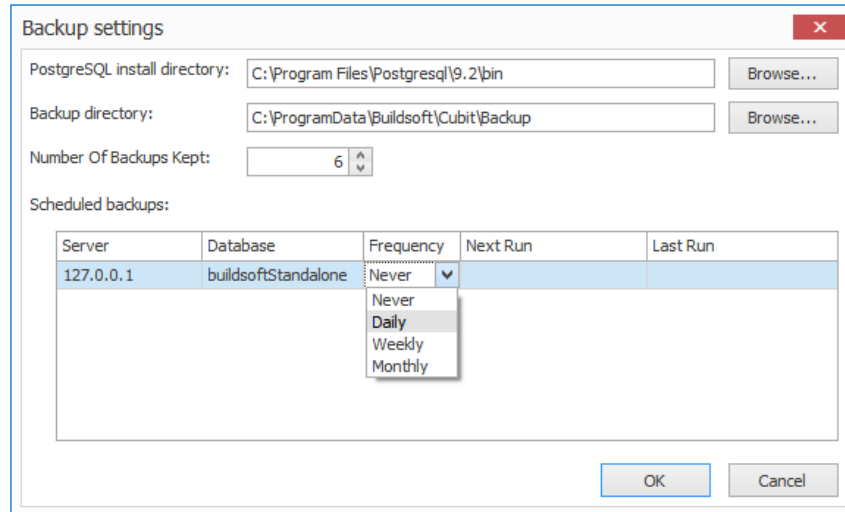
You must also select a location where the database will be saved. Click **Browse** next to ‘Backup directory:’ to select a location.

Fig 4 – Backup settings



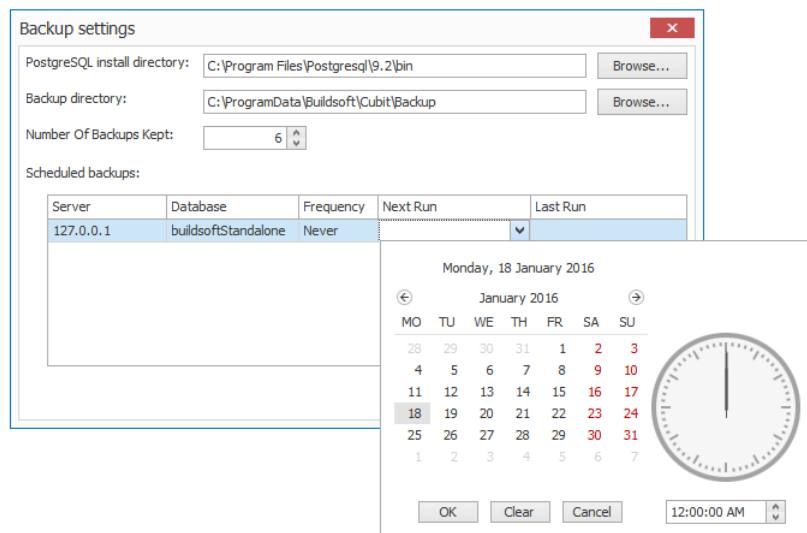
- From the 'Frequency' drop down box, select how often you want to back up your database. You can pick from 'Daily', 'Weekly' or 'Monthly'.

Fig 5 – Frequency



- Select the time or date you want the back up to occur by clicking in the empty box under 'Next Run'.

Fig 6 – Frequency



- If you are happy with your configuration click **OK** to save your settings.

If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

Installation Guide (Network Client User)

These instructions will guide you through installing Cubit onto a client computer as part of a network (multi-user) installation.

1. Make sure the Cubit installer is unblocked. Right mouse click on the installer and select **Properties**. Make sure the **Unblock** box in the **Properties** window is unchecked.

Fig 1A – Installer Icon

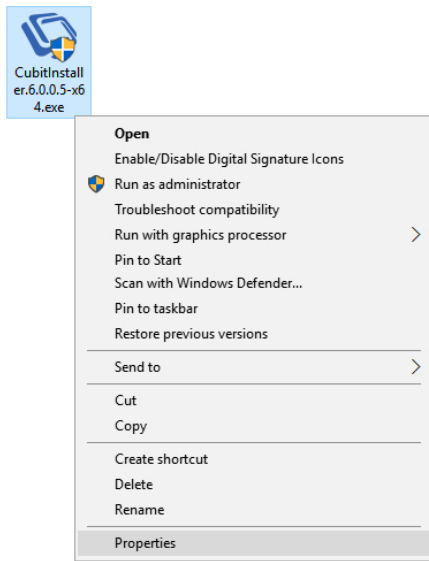
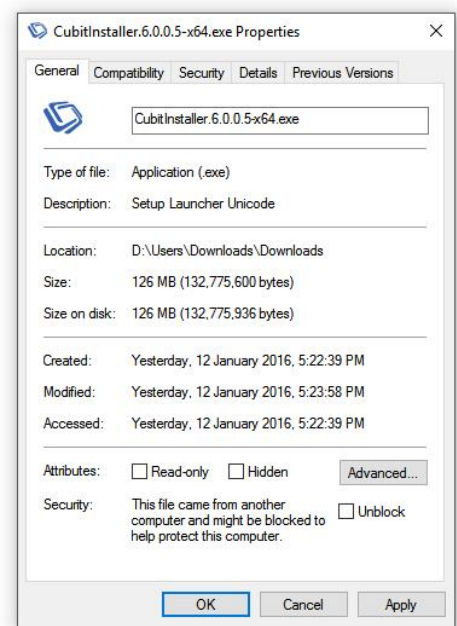
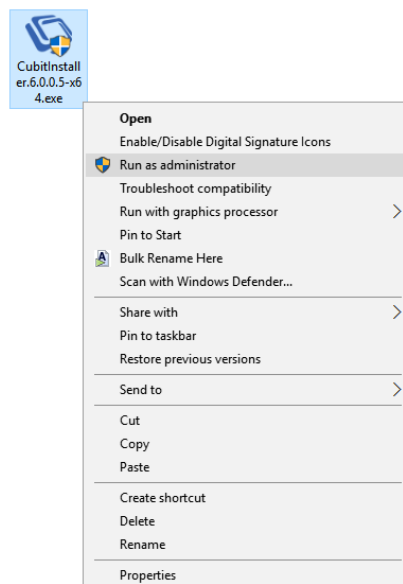


Fig 1B – Installer Properties



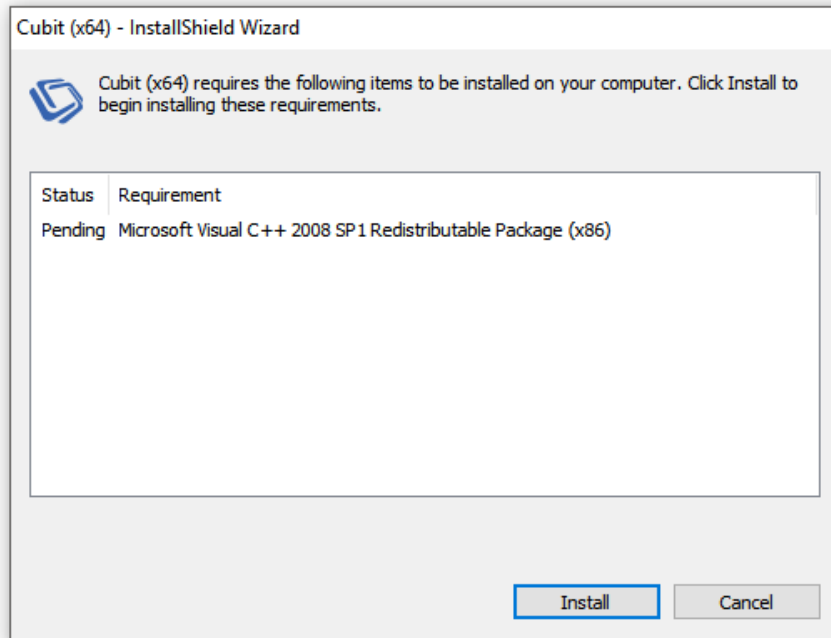
2. Right mouse click on the desktop icon and select **Run as administrator** to open the installer.

Fig 2 – Run as Administrator



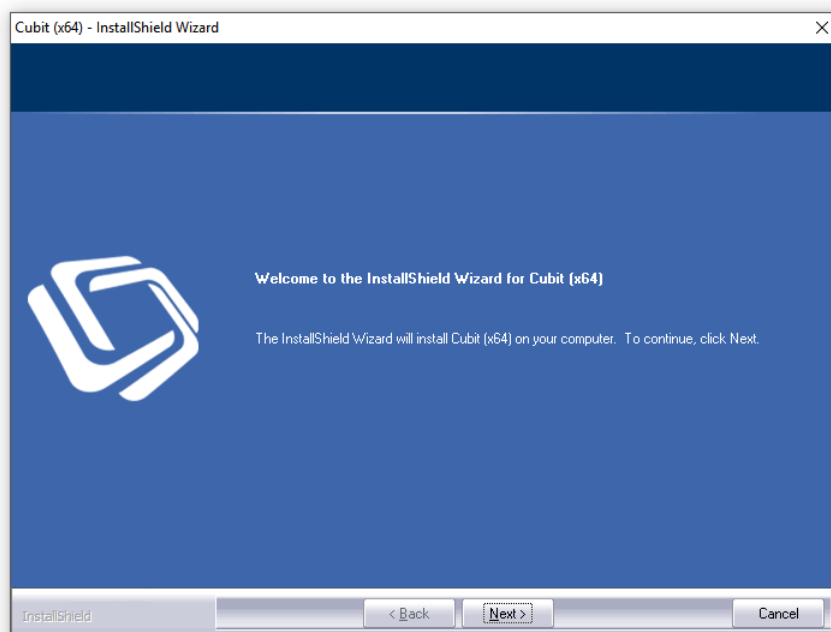
3. You may encounter a prompt to install **Microsoft Visual C++ Redistributable Package**. If prompted, click **Install** to continue your installation.

Fig 3 – Microsoft Visual C++ Redistributable Package Installer



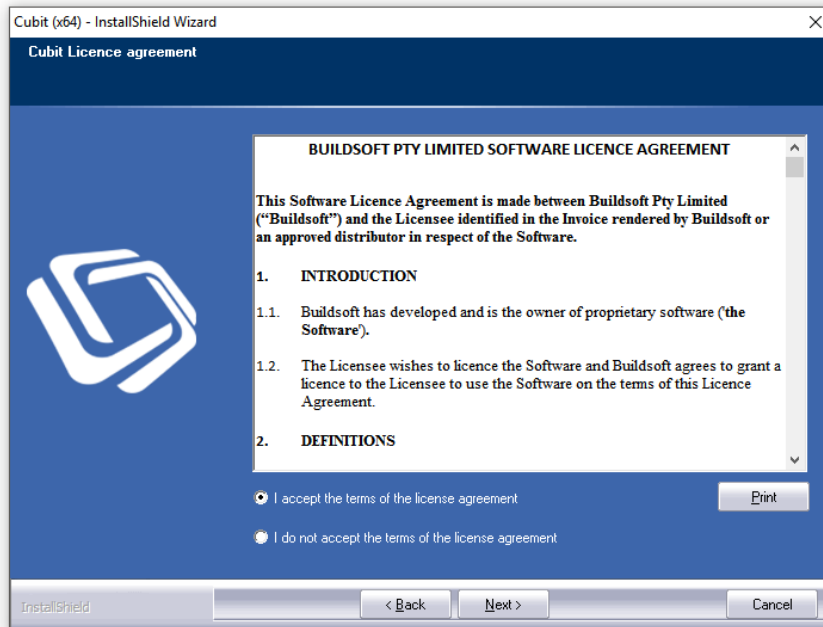
4. The first page of the installer is the welcome page. Click **Next** to continue.

Fig 4 – Installer Welcome Screen



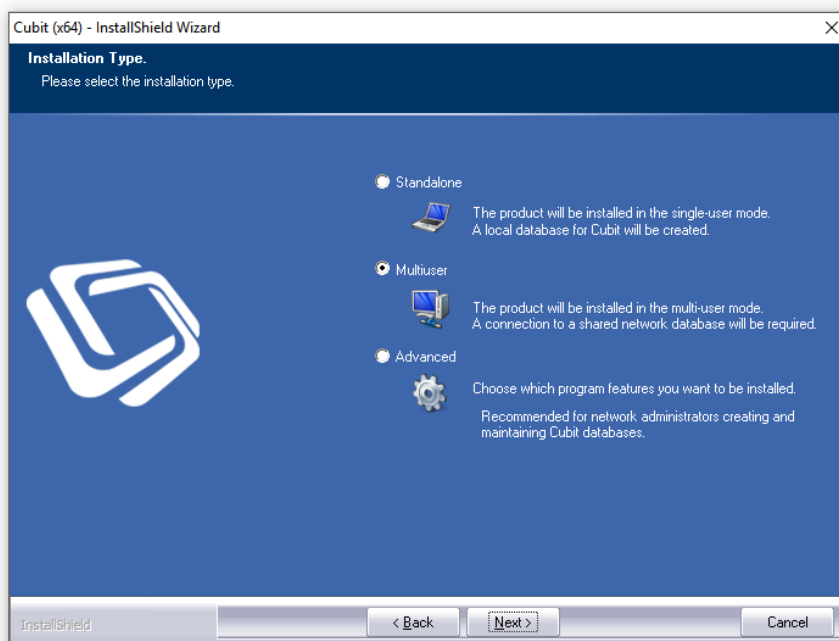
- Once you have read the **Cubit Licence Agreement**, select **I accept the terms of the licence agreement**. Click **Next** to continue.

Fig 5 – Cubit Licence Agreement



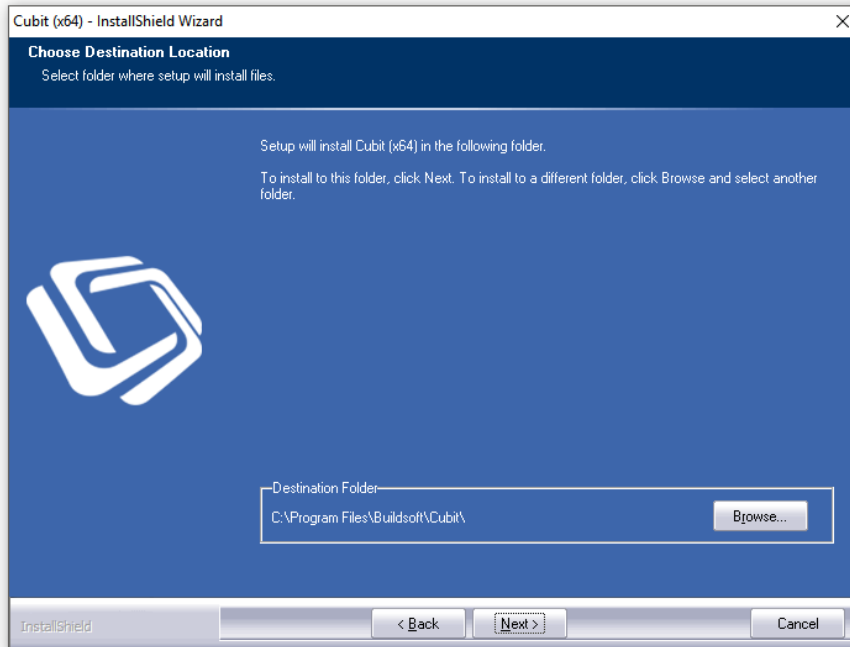
- Select the **Multi-user** option. Click **Next** to continue.

Fig 6 – Installation Type



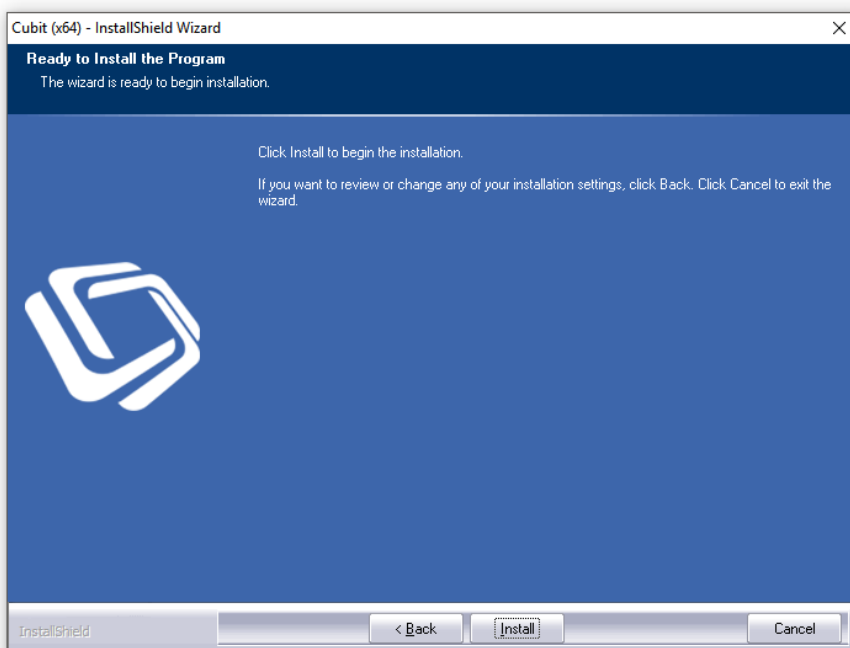
7. You can select any location for Cubit to be installed to. It is recommended that you install to the default location C:\Program Files\Buildsoft\Cubit. Click **Next** to continue.

Fig 7 – Choose Destination Location



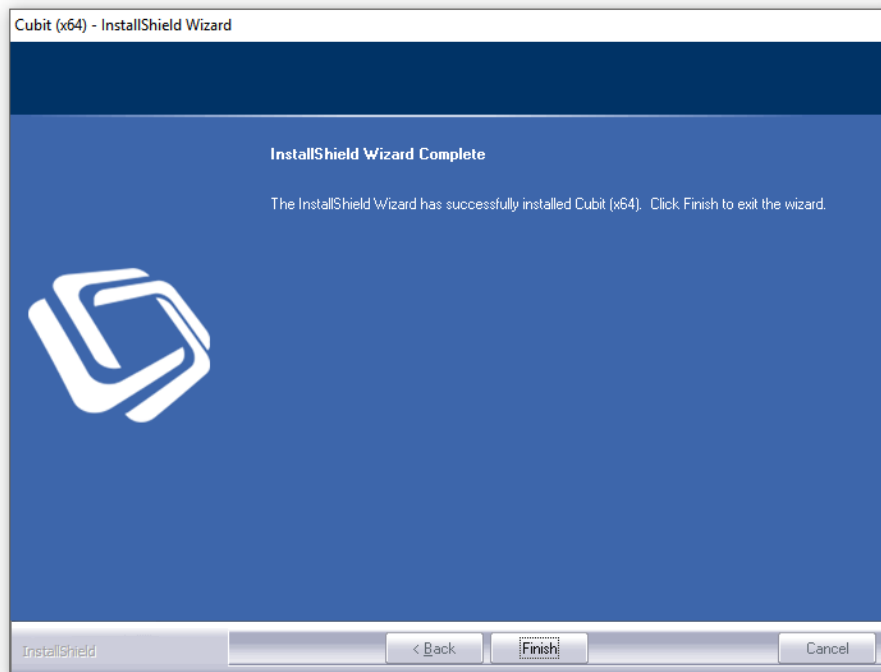
8. To begin the installation, click **Install**.

Fig 8 – Ready to Install the Program



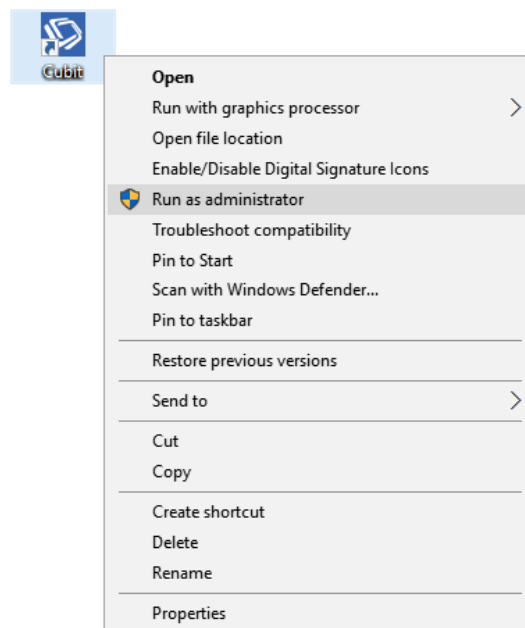
9. You will be notified when installation is completed. Click **Finish** to close the installer window.

Fig 9 – InstallShield Wizard Complete



10. The first time you run Cubit, right mouse click your Cubit desktop icon. Select **Run as administrator** from the drop down box to open.

Fig 10 – Desktop Icon



11. When registering Cubit, ensure the organization name you enter into **Organisation** is identical to the one supplied to you with your serial key. Enter the **Name** of the Cubit user, then your **Serial Number**. Click **Register** to complete.

Fig 11 – Register Cubit



Cubit

Register Cubit
Please register your copy of Cubit.

Name ●

Organization

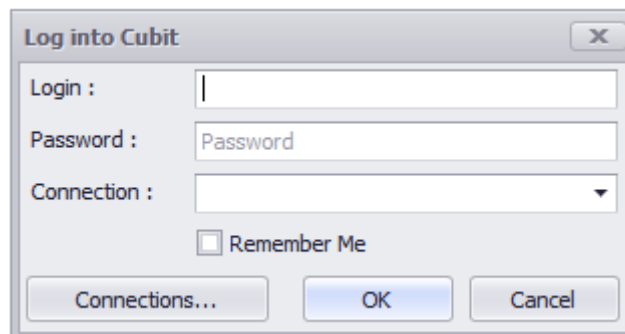
Serial Number ●

XXXXX-XXXXX-XXXXXX-XXXXXX-XXXXX-XXXXX-

Register Cancel

12. You will need to set up a connection to the network database. Use a login and password that has been entered into your Cubit Management software. Click **Connections...** to select the server location.

Fig 12 – Log into Cubit



Log into Cubit

Login :

Password :

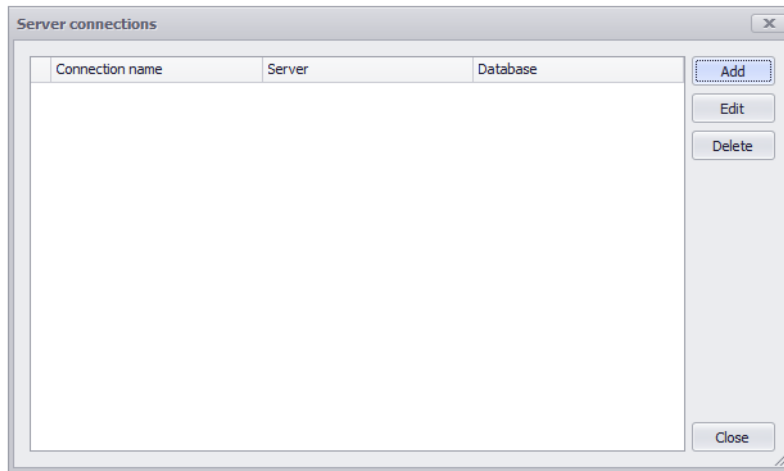
Connection :

Remember Me

Connections... OK Cancel

13. The **Server Connections** window displays any added Cubit Servers. Click **Add** to continue.

Fig 13 – Server Connections



14. Click **Advanced** to access additional details. Enter the connection name, the rest of the information should be saved by default. You might have to enter the server location, but often it will select the right one by default, this address is '127.0.0.1'. Click **Check Connection** to verify.

Fig 14a – Add Connection

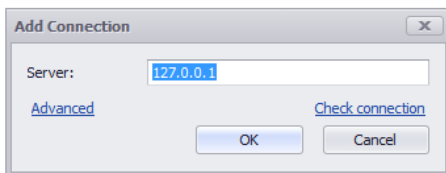
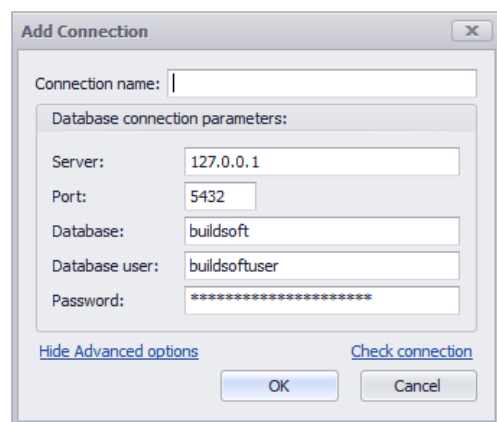
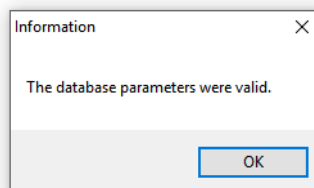


Fig 14a – Add Connection



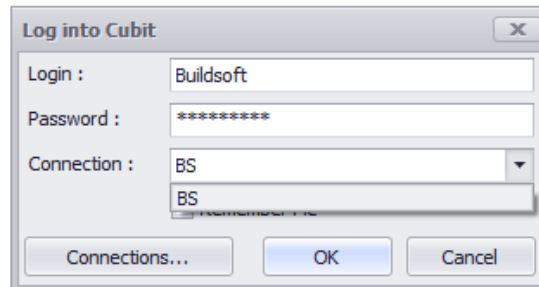
15. If the information connection is successful you will be notified that the parameters are valid.

Fig 15 – Database Connected



16. Close the **Server Connections** window. From the 'Connection:' drop down box, select the database you just verified. Click **OK** to complete login.

Fig 16 – Server Connections



Log into Cubit

Login : Buildsoft

Password : *****

Connection : BS

Connections... OK Cancel

If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au

Sever Update Installation Guide

These instructions will guide you through updating from existing Cubit / BT2 server.

1. Make sure the Cubit Server installer is unblocked. Right mouse click on the installer and select **Properties**. Make sure the **Unblock** box in the **Properties** window is unchecked.

Fig 1A – Installer Icon

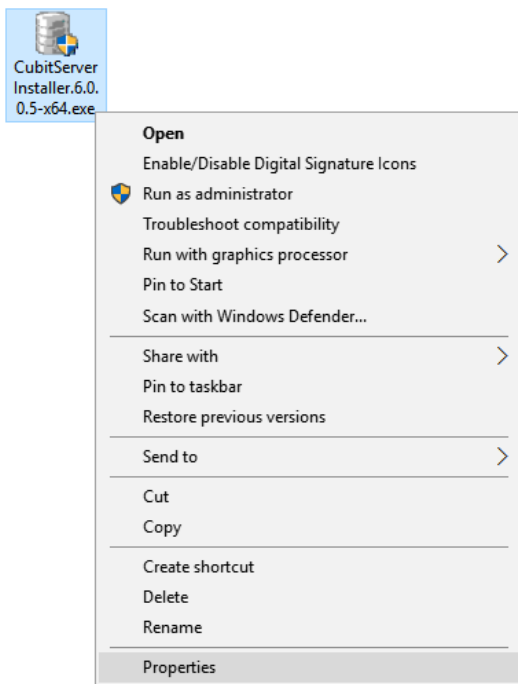
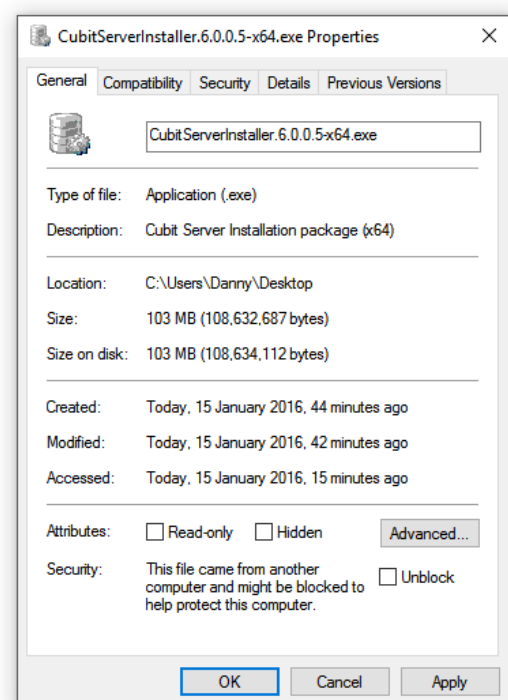
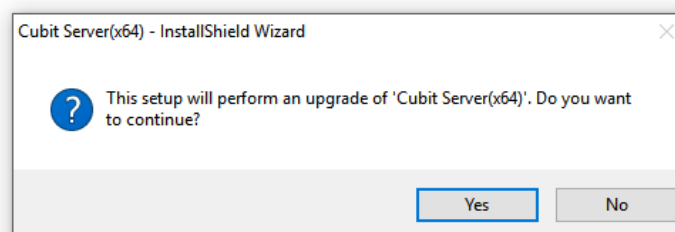


Fig 1B – Installer Properties



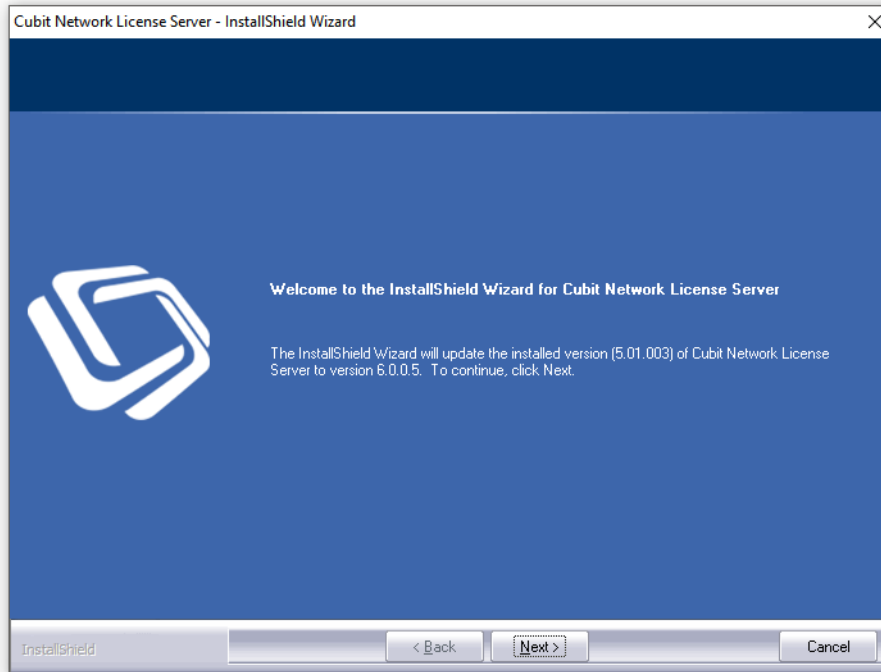
2. Open the Installer to start the install process. You will be asked if you are want to perform an upgrade. Click **Yes** to begin.

Fig 2 – Upgrade Confirmation



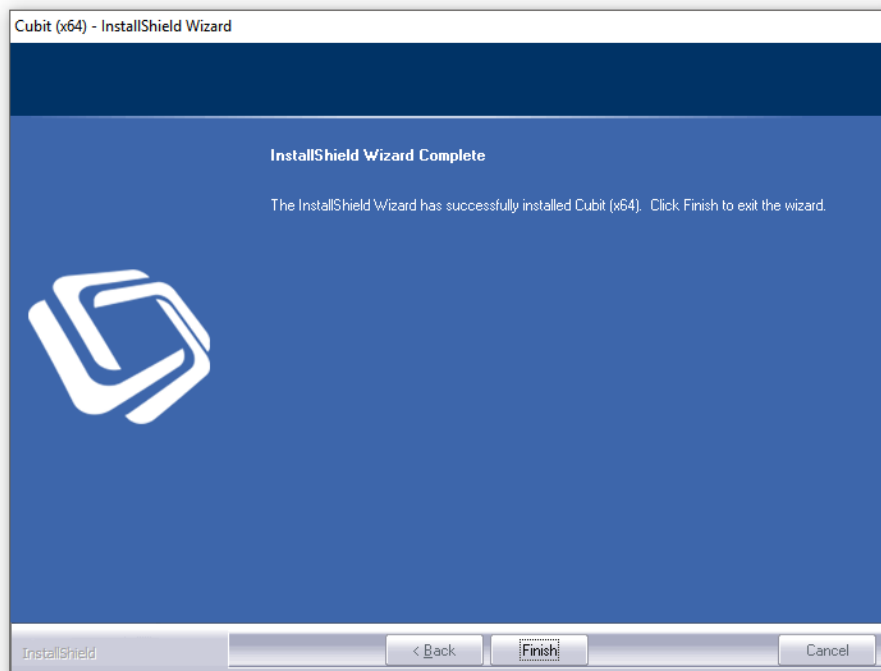
3. The first page of the installer is the welcome page which will show you what version you have installed and the version you will be installing. Click **Next** to continue.

Fig 3 – Installer Welcome Screen



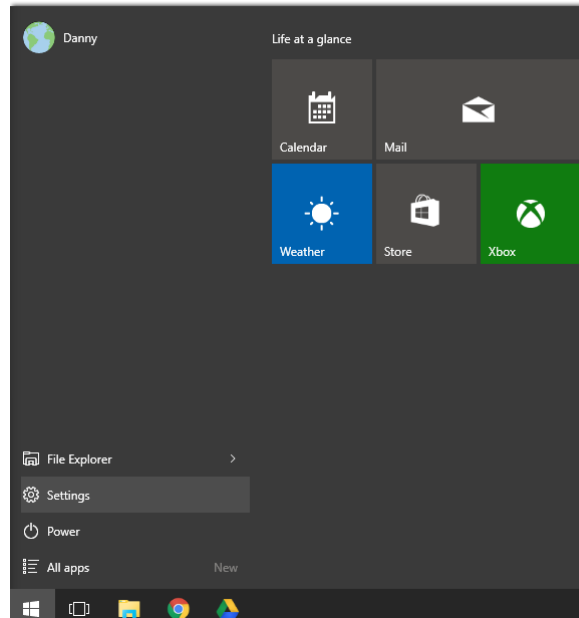
4. You will be notified when your software is updated. Click **Finish** to complete installation

Fig 4 – InstallShield Wizard Complete



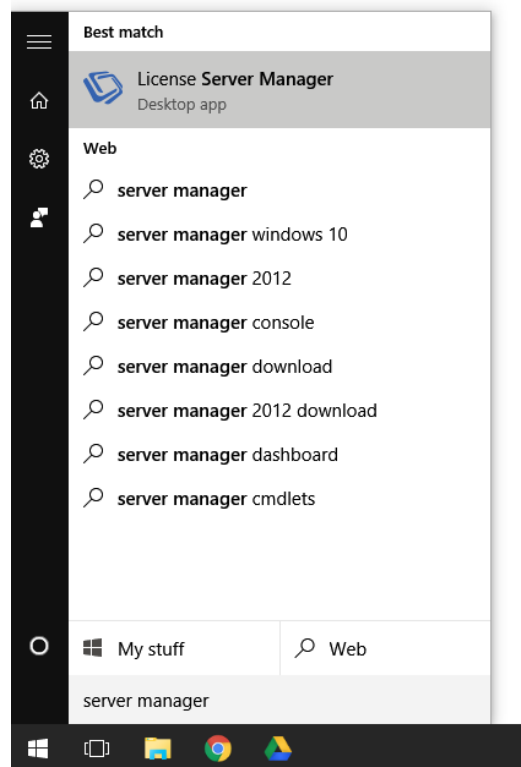
5. To activate your new software, you need to find **Licence Server Manager**. Click the **Windows** icon at the bottom of your screen to access your Start Menu.

Fig 5 – Windows 10 Start Menu



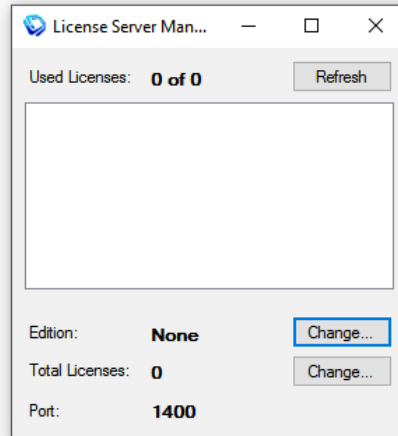
- a. Type 'server manager'. One of your results will be **Licence Server Manager**, click it.

Fig 5a – Windows 10 Search Results



- When Licence Server Manager opens, next to 'Edition' click **Change...**

Fig 6 – Licence Server Manager



- When registering Cubit, ensure the organization name you enter into **Organisation** is identical to the one supplied to you with your serial key. Enter the **Name** of the Cubit user, then your **Serial Number**. Click **Register** to complete.

Fig 7 – Register Cubit



If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at buildsoft.com.au/support or via e-mail to support@buildsoft.com.au